

BK. 65 Dr. 16.

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

Long Lake Road
From Front Str. to "H²"

Road Acc't. No. 12

Date Filed 6-11-41 File

Plan Survey

LONG LAKE RD.

from Front St.
to Co Rd. "142"

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Alignment - 1-9

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6/7/40

Party

R.P.

A.M.

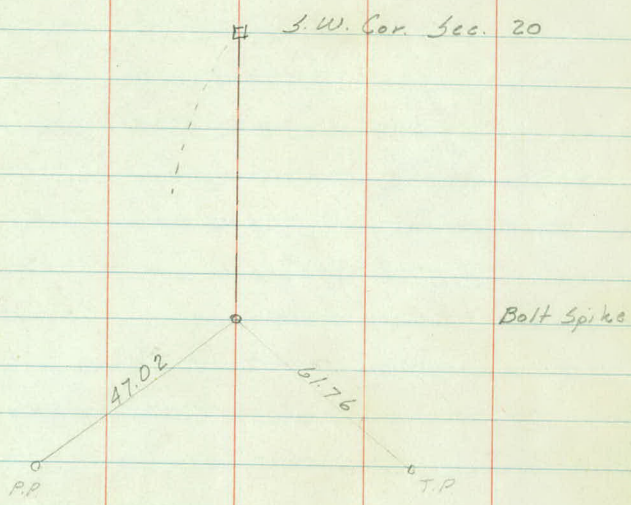
L.G.

C.F.

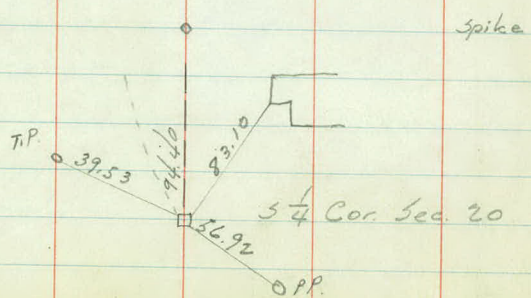
Sta.	Pt.	Angle		Mag.	Calc.
		Lt.	Rt.		Bear.
+48.86 ¹¹	P.T.		35° 22½'		
11			31° 43'		
+50			27° 58'		
10	P.O.C.		24° 13'	Δ = 70° 45' Rt.	
+50			20° 28'	D = 15°	
9+49.18	P.I.		70° 45'	T = 271.99.	
9			16° 43'	L 471.67.	
+50			12° 56'	R 383.065.	
8			9° 13'		
+50			5° 28'		
7			1° 43'		
6+77.19 ⁰⁶	P.C.				

Mag. Bkts.
5. 82° 45' Ld.
5 90° 00' W

0+00 = P.T.



{ 2614.48 M. }
{ 2613.0 R. }



Mag. Bear
Calc. Bear

Sta Pt Lt Bl

+16.05⁰⁷ PT 35° 26'

38 33° 50'

+50 28° 50'

37 23° 50'

36+66.60 P.I 70° 52'

+50 18° 50'

36 13° 50'

+50 8° 50'

35 3° 50'

34+61.72¹⁵ P.C.

33+10.75 P.O.T.

P.I

P.O.T

15+00.00 P.O.T

589° 53' W

Δ 70° 52' Lt

D = 20°

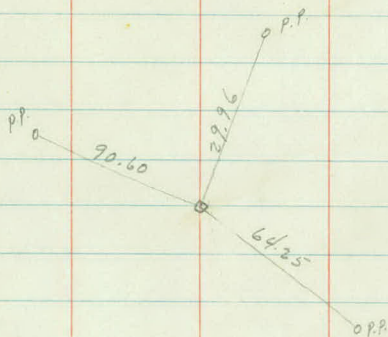
T = 204.88

L = 354.33

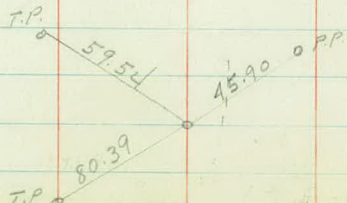
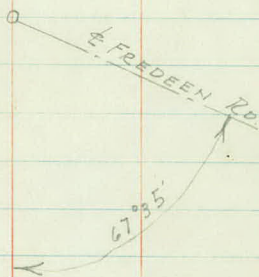
R = 287.939

N 19° 15' W

Mag. Bear N 26° 30' W



Bolt Spike
(Found Old 2 1/2 inch)

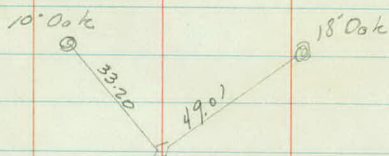


R.R. Spike

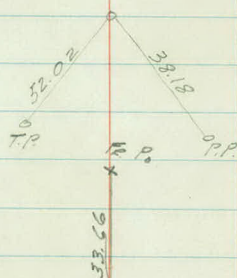
Sta.	Pt.	Angle	Dist.
69 + 96.14 ⁰⁵	P.T.	45° 04'	Mag. 58° 30' W
+50		40° 27'	
69		35° 27'	
+50		30° 27'	Δ 90° 08' LL
68 + 34.06	P.I.	90° 08'	D - 20°
68		25° 27'	T - 288.59
+50		20° 27'	L - 450.67
67		15° 27'	R - 287.939
+50		10° 27'	
66		5° 27'	
6 + 50 ²⁰			Mag. 118° 30' W
65 + 45.47	P.C.		
52 + 66.47	P.O.T.		
+77.36	P.T.	44° 17'	Mag. 110° 33' W
+50		41° 33'	
44		36° 33'	
+50		31° 33'	Δ = 88° 34' RT.
43 + 15.35	P.I.	88° 34'	D = 20°
43		26° 33'	T = 280.82
+50		21° 33'	L = 442.83
42		16° 33'	R = 287.939
+50		11° 33'	
41		6° 33'	
+50		1° 33'	
40 + 34.53 ¹⁰	P.C.		Mag.

588° 19' W

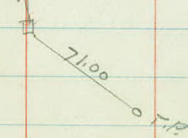
110° 33' W



Mon.
H.W. Cor
Sec. 20



R.R. Spike



Mon.
W $\frac{1}{4}$ Sec. 20

Sta	Pt	Angle Lt. Rt.	Bearing
-----	----	------------------	---------

85+73.72 35.11 86+08.83	P.O.S.T.		
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N 0° 13' W

+ 91.42	P.T.	45° 44'	
+50.13		40° 33'	$\Delta = 91° 28'$ Rt

74		34° 18'	D = 25°
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73+62.55	P.I.	91° 28'	T = 237.00
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+50		28° 03'	L = 365.87
-----	--	---------	------------

73		21° 48'	R 231.011
----	--	---------	-----------

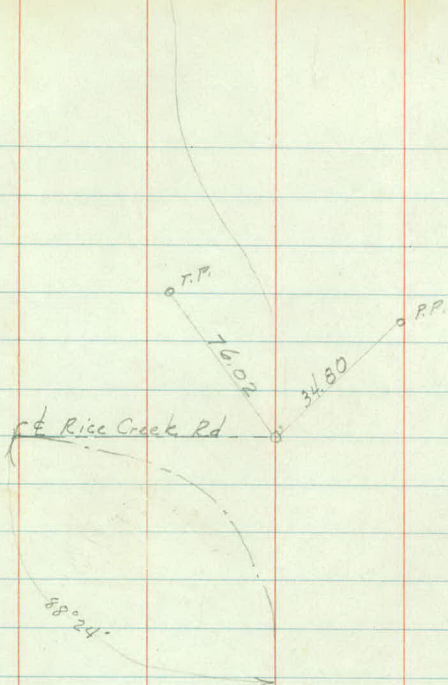
+50		15° 33'	
-----	--	---------	--

72		9° 18'	
----	--	--------	--

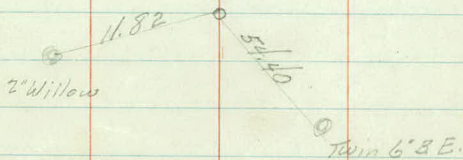
+50		3° 03'	
-----	--	--------	--

71+25.55	P.C.		
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M. 5810' W.
 5880' W



R. R. Spr.
Found Co. det. H. H. H.
Inst. Ties

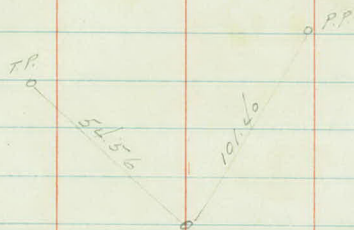
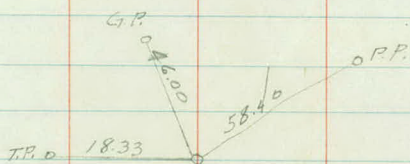


Original
2"x1" Hub.

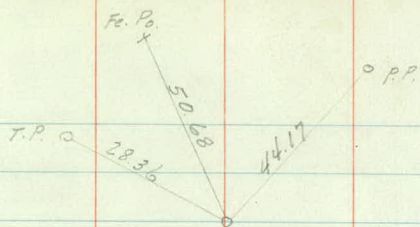
Sta.	Pt.	Lt.	Angle Rt.	Bearing
+17.52 ^A	P.T.		16°19'	N 4°E N 11°18'E
91			14°34'	Δ = 32°38' R.
+50			9°34'	D = 20°
90+38.64	P.I.		32°38'	T = 84.29
90			4°34'	L = 163.17
89+54.35 ^B	P.C.			R = 287.939
				E = 13

EQUATION 87+39.33-87+89.33

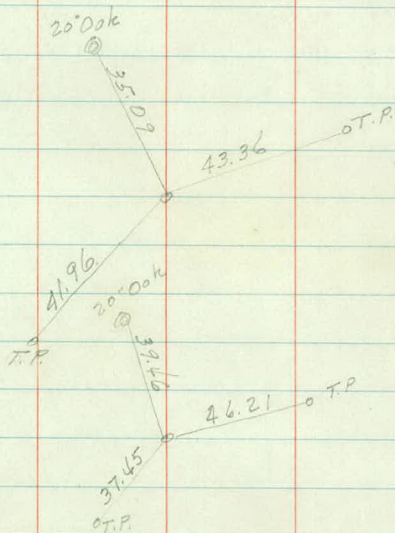
+39.33 ^C	P.T.	10°33'2"		Δ 21°07' Lt.
87		8°59'		D 8°
+50		6°59'		T 133.60
86+08.97	P.I.	21°07'		L 263.96
86		4°59'		R 716.779
+50		2°59'		
85		0°59'		
84+75.37 ^D	P.C.			N 7°30' W N 0°13' W



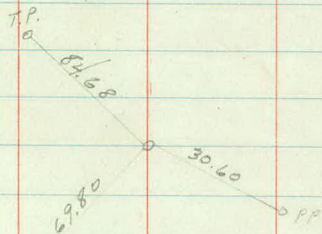
Sta.	Pt.	Angle Lt. Rt.	Bearing
103+00 102+99.82	P.O.T		N 81° 36' E N 80° 43' E
100+25.50 99+82.42 124	P.T.		D 79° 38' Rt D 80° 79° 38' T. 64.84 Actual Area 108.10
99+17.58 140	P.C		R 77.79 E 21' L.C. 99.61
99+77.35 83.00 +50	P.O.S.T		N 81° 35' E N 80° 36' E
97+15.55 97 96+48.42 124	P.T.	2° 41' 30"	1° 21' Δ = 2° 41' 30" Lt. 1° 01' D = 2° T = 67.13 67.31 0° 31' L = 134.58 R = 2864.93



Spike



R.R. Spike



R.R. Spike

T.P.

Sta	Pt.	Angle		Bearing
		Lt.	Rt.	

^{.12}
124+13.30 P.O.T.

^{.25}
112+31.53 P.O.T.

^{.42}
108+79.60 P.O.T.

^{.47}
106+32.65 P.T.

^{.41}
105+76.59 P.L. 88° 46'

^{.54}
104+78.72 P.C.

N 7° 15' W
N 0° 31' 30" W

A 88° 46' Lt.

D 60°

T 97.87

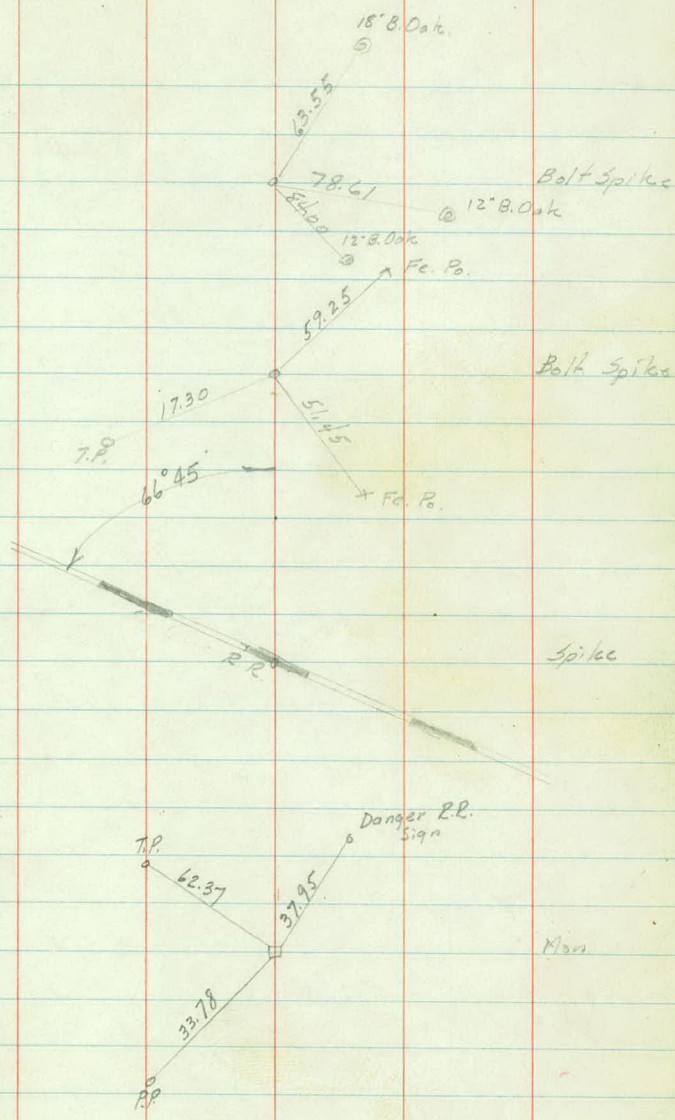
Arc. 154.93

R. 100.00

E. 38

L.C. = 139.89

N 5° 30' E
N 88° 14' 30" E



34a.

Pf

Angle	
Lt.	Rt.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
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42	42
43	43
44	44
45	45
46	46
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48	48
49	49
50	50
51	51
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53	53
54	54
55	55
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57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Bearing

13.94

 $158 \div 14 = 12$

P. 1

N 80° 15' 10"

37.8101 N

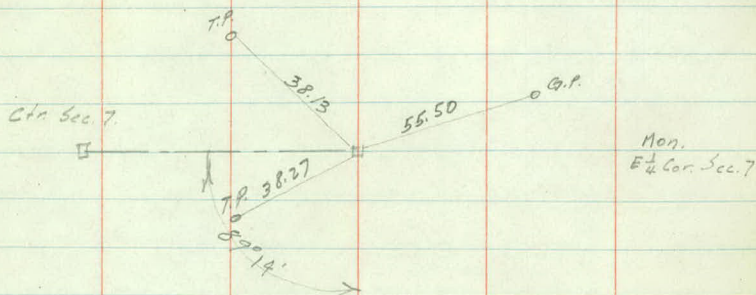
+74.92

 $131 + 75.10$

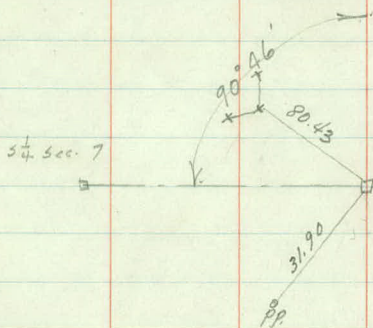
P. 1.

 $0^{\circ}46'30''$

$40^{\circ}31'30''W$

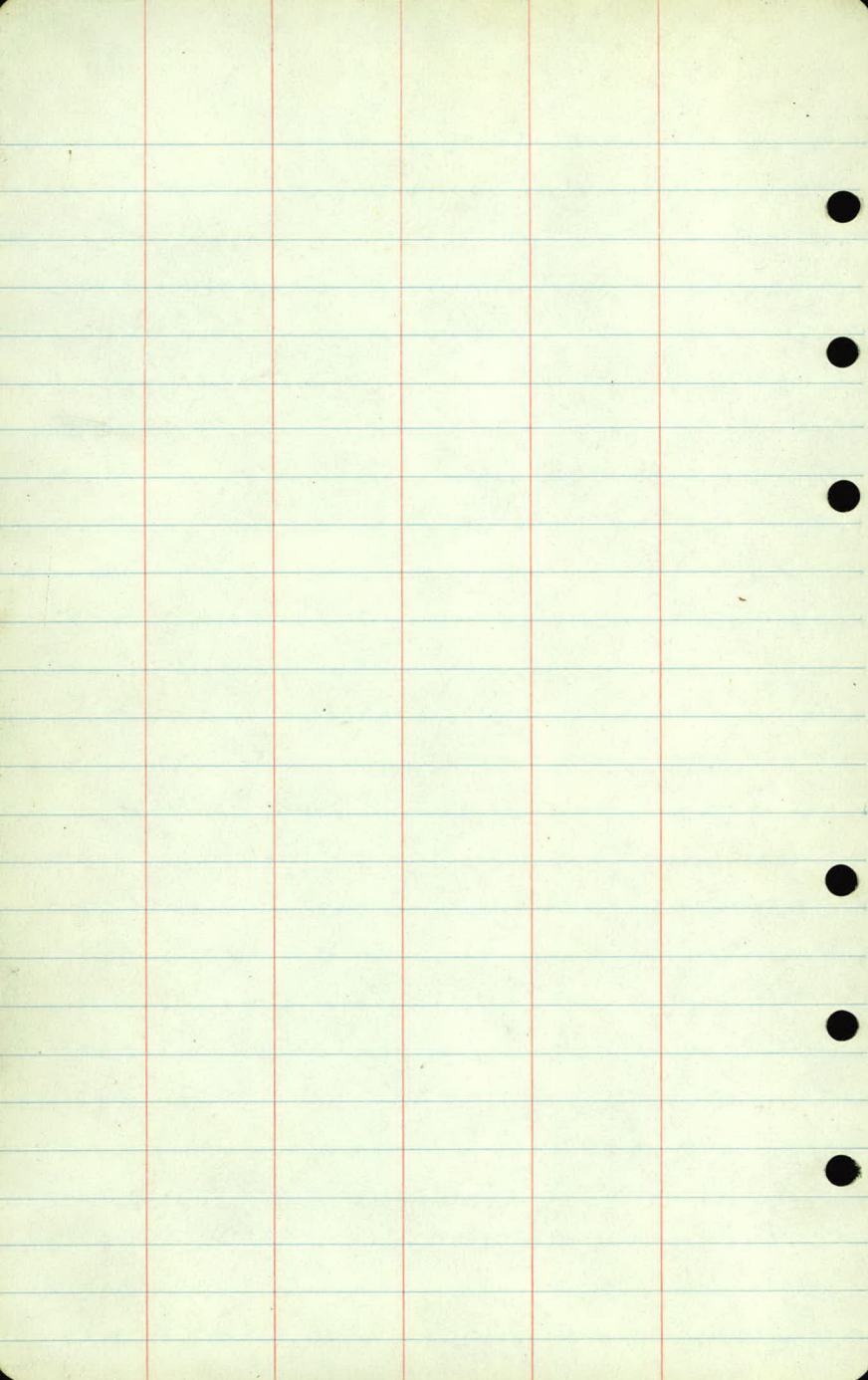


Mon.
E 1/4 Cor. Sec. 7



Sept. 18-45
Mon Tipped .18 No.

Mon.
SE Cor. Sec. 7



Topography

LONG LAKE ROAD

10

14

29

+22-24" x 56' Conc.

27

6

11

12

5

11

11

4

12

12

3

14

12

25'

+44-24" x 50' Conc. X Drain.

25'

2

13

14

1

12

12

0

13

14

+13. End. 24" Conn. 24
 +24 Ditch x s. e
 +02 T.P. 21
 Ditch - 65
 +00 G.R. 12

Cultivated

+18 Ditch x s. e
 G.R. 13

+70 P.P. 28
 +50 Ditch 73

+100 Ditch - 102

+90 Beg. G.R. 12
 +83 T.P. 22

+69 Ent.
 15" x 20" C.M. 19
 +44 - 6" B.E. 39
 +26 - 6" B.E. 39
 +18 - Fe. Cor. 37
 +18 P.P. 27
 +00 Fe. 37

+62 Beg. G.R. - 12
 +41 Ditch - 123
 +31 P.P. 28
 +42 Fe. Cor. 61
 +24 Ent
 +16 P.P. 28
 +10 Fe. Cor. 61

N.S.P.
 Trans.
 Sta.

+64 T.P. 23

+04 Beg Tie Fe
 +00 Fe. Cor. 38

+84 Ent.

+35 Conn. Ditch 31
 +30 T.P. 24

+00 Ditch - 46

+00 Ditch - 100

+60 P.P. 26

+15 End Yards

+43 Ditch 83

1-5-F
 28

+78 Ent.
 +78 Cor Ho. 55

+00 G.R. 38
 +00 Ditch 91

+72 T.P. 24

+51 Cor Ho. 41

+22 Cor Ho. 39
 +22 Ent
 15" x 20" C.M. 19

1-5-F
 30

+97 P.P. 27

+70 Ent.
 +64 - 12" B.E. 46
 +53 - 12" B.E. 45
 +38 - 12" B.E. 44
 +24 - 12" B.E. 44
 +21 End Hedge 33

Hedge 28

Yards

	12		16
13	13		16
12	12		15
	12		15
11	13		15
	13		15
10	12		15
	12		15
9	11		12
	13		12
8	21	11	14
	12		14
7			

497 Ent.
15" x 22" C.M. - 22

+94 T.P. 26

Bag. Cont.

Cult.

+62 P.P. 28

Fe. 27

+72 T.P. 25

Uncultivated

+04 Fe. Xs d
+93 Fe. Cor. 33
+87 P.P. 27

+91 T.P. 22

+37 G.R. 39

+11 T.P. 32

+34 P.P. 22

Uncultivated

+02 T.P. 25

10' x 3' x 9'

+88 Check Dam. 22
+81 P.P. 23

+43 Ent
15' x 30' C.M. 39
+41 Ent x 56
+18 Ent
+15' x 20' C.M. - 54 43
+03 T.P. 43
+94 12' x 16' C.M. 43
+93 End G.R. 22

9' x 2' x 9'

+53 End G.R. 14
+48 Check Dam 30

G.R. 15

+50 G.R. 13

+50 Ent x 5 d

+50 G.R. 15

+33 G.P. 19

+38 P.P. 23

+06 T.P. 23

11

11

20

10

13

19

10

14

18

12

15

17

12

18

16

12

14

15

12

15

14

G. R. 12
 (13)
 +76 Beg. G.R. 12'
 +62 P.P. 28'

+69 T.P. 27

Uncult.

+14 Field Ent.
 2 Road 63

+87 P.P. 28
 +73 Connection
 12.24 C.M. 33'

+43 End Culv 25

+26 T.P. 26

Cultivated

+15 End Culv. 52'
 2 Road 35'

+71 Rge Tie Fe.
 +63 Fe. Con. 47'

+12 P.P. 27

+84 T.P. 27

+93 Δ Fe. 25

Road 28

+92 Rge Tie Fe.
 +88 Cross Fe. 24

+53 T.P. 27

+36 P.P. 28

Road - 62

Fe. 24

+24 T.P. 27

12

13

27

12

13

26

14

14

+ 00	Small	41
+ 97	Tree	41
+ 87		40

25

13

13

24

11

13

23

11

13

22

11

11

21

+62 T.P. 28

+63 P.P. - 28

+74 Field Ent

+32 T.P. 27

+98 - T.P. - 27

+04 End G.R. 12

+73 - T.P. - 28

+25 End Cult

G.R. - 12

+46 T.P. 27

G.R. 12

+38 Bag. G.R. 13

+13 T.P. 27

Uncultivated

Cultivated

+06	Tot Iron	33°
+87	P.P.	28
+83		41
+67		41
+51		40
+45		40
+39		40
+31		40
+24	Small	39
+15	Traces	39
+08		39
+93		39
+76		38
+62		38
+37		44
+33		37
+18		36
+12	P.P.	28
+05		35
+86	Small	35
+72	Traces	34
+56		39
+41		33
+25		32
+12		32
+95	Tree	31

Uncultivated

+36 P.P. 27
+32 End. G.R. 13

G.R. 12

13

11

t60 11

12 +60

24

+ 28-36"x48" Conc.

24

34

33

13

12

32

12

12

31

10

13

30

12

12

29

12

12

28

12

13

+94 T.P. 27
+84 End G.R. 14

+100 T.P. 22
+100 G.R. 12 (13)

+64 P.P. 28
+49 A.Ditch 65

A.Ditch 80

+75 T.P. 28

+88 Ditch x.s.

+27 Beg. G.R. 12'

+11 Ent

+11-12"x20" C.M. - 22

Ditch - 132

+48 Beg. G.R. 12'

Fredeen Rd. +103-15"x40" C.M. 21'

+80 P.P. 27'

+61 Lot Iron 33

+59 T.P. - 28

+40 T.P. 28

+54 Lot Iron 33

+12 P.P. - 28

+22 T.P. - 28

+48 Lot Iron 34

+10-4" Twin - 29

+37 P.P. 28

+92 T.P. - 28

+84 Ent

+67 Lot Iron 33 1/2

19

11

p 87 - 24" x 36' Conc.

18

17

11

16

41

11

16

11

16

40

12

15

39

11

12

38

14

11

17

11

37

18

12

18

11

36

16

10

15

11

35

G.R. 2'
+77 T.P. 26
+50 G.R. 12
+29 G.P. 31
G.R. 12
+97 T.P. 32

+50 G.R. 12

G.R. 13
+92 T.P. 27
+73 G.P. 21

+02 Beg. G.R. 12
+84 T.P. 28

+71 T.P. 26

+33 T.P. 33

+13 Ent.

Uncultivated

Uncultivated

+32 P.P. 27'

+73 P.P. 27

+78 End G.R. 12'

+26 P.P. 25
G.R. 12

+65 G.P. 23
+50 G.R. 12

+09 P.P. 29
G.R. 13

+50 G.R. 12
+32 G.P. 23

+ Ent 40
+99 P.P. 24
+90 Beg. G.R. 13
+66 Ent

+39 End G.R. 13'

48	11	14
----	----	----

47	14	14
----	----	----

46	14	15
----	----	----

45	13	12
----	----	----

12	16
----	----

44	11	17
----	----	----

11	17
----	----

43	11	18
----	----	----

11	17
----	----

+ 60 Fe. Ger. 33
+ 50 Ent. 19
15" x 20" C.M. 19
+ 38 F. 18" x 18" 29
(Brick Pillar)

+ 90 T.P. 27
+ 80 Lilac 35

+ 63 End Orch. 45

+ 13 Apple Tree 33
+ 07 Apple Tree 31

+ 65 Ent.
15" x 20" C.M. 20
+ 55 T.P. 27

+ 29 Bag Orch. 40

+ 86 G.P. 26

+ 14 T.P. 27

+ 30 Ent.
15" x 24" C.M. 29
+ 18 T.P. 33
+ 11 End G.R. 13
G.R. 12

+ 50 G.R. 12

+ 39 T.P. 26

G.R. 12

+ 76 G.P. 23
+ 68 T.P. 43
+ 50 G.R. 12

Orchard

+ 51 P.P. 24

End Pot Hole 36-100

Pot Hole

Pot Hole 25 175

+ 87 P.P. 24

+ 50 Pot Hole 35-150

+ 28 Bag Pot Hole 79

+ 12 P.P. 28

+ 74 P.P. 27

13

15

55

13

13

54

14

13

+93 12" 12_{op} 27

53

14

14

52

14

15

51

12

14

50

13

12

49

+ 29 Cross Fe 29

+ 16 Ent

15" x 20' C.M. 20

+ 04 - T.P. 28

Fe. 29

Fe. - 29

+ 69 - T.P. 27

Fe. 29

+ 21 T.P. 27

Fe. 29

Fe. 28

+ 75 T.P. 27

+ 61 Beg. Fe. 29

+ 85 Ent

15" x 20' C.M. 23

+ 05 Cross Fe. 30

+ 14 Ent

15" x 20' C.M. 24

Fe. Cor. 31

+ 30 T.P. 28

Fe. Ent
15" x 20' C.M. 21

+ 45 - P.P. 23

+ 29 Beg. Tie Fe.

+ 19 Cross Fe. 25

Fe. 24

+ 92 - 12" W.I.L. - 40

+ 59 Beg. Fe. 21

+ 56 2" Pop. 37-45

+ 47 Ent

15" x 20' C.M. 17

+ 37 Stump 35

+ 25 Stump 26

+ 16 12" Pop. 26

+ 05 - 18" Pop. 26

+ 91 P.P. 23

+ 84 - 15" Pop. 27

+ 70 6" Pop. 29

+ 45 Tree 41

+ 27 37

+ 17 Apple Tree 40

+ 87 - 6" B.E. 33

+ 38 - 3" Tree 31

+ 36 P.P. 23

+ 66 Ent.

15" x 20' C.M. 20

+ 61 - 30" Cor. - 30

+ 91 P.P. 23

+ 76 Ent

15" x 20' C.M. 20

+ 26 P.P. 24

13

13

62

14

12

61

12

13

60

10

11

59 18

13

+03. 24" x 36" Cong.

11

18

58

13

14

57

14

14

56

+98 End Orch. 31

Orchard

+20 Beg. Orch. - 29
+08 T.P. 28

+75 Fe Cor. 29x

Fe 29

+60 T.P. 28

+00 Beg. Fe. 28

+63 Lilac 29
+46 Group 4 trees 30
+35 Ent
+29 End Fe. 28
+20 T.P. 27

Fe. 29

+54 End 8" Vit. 39

+23 End 8" Vit. 87

Fe. 31

+74 T.P. 28

Fe. 34

+40 T.P. 28

Uncultivated

8" x 10" Vit. →

Uncult

+74 Hedge Cor. 29
+72 P.P. 25

+35 Tree 35
+29 Beg Hedge 29
+23 Ent
12" x 20' C.M. 18
+83 Ent

+58 End G.R. 12

G.R. 12
+95 P.P. 23

G.R. 12

+78 Beg. G.R. 12
+58 Ent
+45 Cross Fe. 23
+45 P.P. 22
+35 Ent
+25 Fe. Cor. 23

Fe. 25

Fe. 29

+86 P.P. 32

Uncultivated

12

14

13

14

69

13

13

12

14

68

13

13

15

14

67

15

12

16

11

66

17

11

21

(14)

+50 24"x54" Conc. (12)

33

65

14

12

64

13

11

63

End. Swamp 26
G.R. 13

+50 G.R. 15
+50 Swamp 24-50

+100 G.R. 15
Swamp 23-50
+99 T.P. 26

+150 G.R. 13
+50 Swamp 28-75

+21 Bag G.R. 14

100 Swamp 39-100

+52 T.P. 31
+50 Bag Swamp 44

+100 6" Twin 33
+100 P.P. 25
+83-3-6 Trees 35

+17 Ent.
15" x 20" C.M. 20

+65 T.P. 28
+65 End Hedge 30
+65 Swamp 39
+26 Bag Hedge 31
+20-15" BE 45
+106 Ent.
15" x 20" C.M. 23

Fc. 22 (40)

+150 Gross Fc. 26

+38- Egg Tie Fc. 1

+17 P.P. 29

100 Bag Fc. 39

+98- G.P. 27

+81 Double Ent.

+50 E Drive 44

E Drive 76

+84 P.P. 29

+50 G.P. 36

+50 G Drive 86

E Drive 46

+73 Ent (double)

+48 End. G.R. 12

+47 P.P. 27

+103 G.P. 24

G.R. 12

+50 G.R. 13

+21 P.P. 26

G.R. 13

+88 Bag G.R. 12

+46 P.P. 24

+107 Ent.

18" x 15" C.M. 20

12

13

76

13

16

75

12

17

12

15

74

13

15

10

18

73

11

20

11

19

72

12

18

11

17

71

11

13

+ 96 Stamp 46

70

+10 - T.P. 27

+100 T.P. 27

+80 Ent.

+55 End G.R. 13

+07 T.P. 44

+00 G.R. 15

+50 G.R. 12

+50 End. Sup. 42.150

+07 T.P. 21

G.R. 12

+00 Swamp 20 - 400

+50 Ent. 40

+29 Beg. G.R. 13

+23 T.P. 37

+00 Ent

+00 Beg. Swamp 37 - 250

+29 End. G.R. 12

+26 T.P. 22

G.R. 12

+89 G.R. 24

+16 T.P. 31

194 P.P. 27

+18 - P.P. 28

+17 Cor. Arbor 37

+06 Cor. Arbor 38

+82 12" Oak 40

+66 3" Tree 40

+54 2" Tree 44

+47 Stump 43

+38 - 2" Tree 32

+32 Stump 40

+24 - 18" Oak 31

+21 - Twin Ash 38

+09 Ent.

15' x 20" C.M. 20

+91 - P.P. 28

+60 Apple Tr. 32

+53 Apple Tr. 38

+30 Apple Tr. 38

+06 Apple Tr. 37

+86 Apple Tree 31

+50 Plum tree 29

+35 P.P. 27

+22 Apple tree 32

+98 Fe. Cor 29

+92 Rge Tie Fe.

+50 Fe. 29

+00 Fe. 23

+00 Stump 40

+90 P.P. 20

+85 Stump 46

44 15

13

23

13

31"
83

13

108-24"x64" Conc.

13

33'

82

13

13

81

14

15

80

14

14

79

13

14

78

13

12

77

+73 End Gr 32

+50 Gr. 24

+25 Gr. 18'

+24 Swamp Ends - 32-50

+18 T.P. 32

Gr. 14

+93 Swamp 30-90

+58 Beg Swamp 58-90

+29 Beg Gr. 12

+97 Ent.

+76 T.P. 29

+28 T.P. 29

+90 End Pot Hole - 64-70

+69 T.P. 28

+55 Pot Hole - 50-135

+23 Beg Pot Hole - 68-93

+22 T.P. 28

+14 P.P. 23
Gr. 14

+15 Beg Gr. 14

+97 Ent.
12"x18" G.M. 21'

+59 P.P. 24

+02 P.P. 25

+49 P.P. 26

+57 Ent/Ent.
12"x16" G.M. 19

Swamp

Uncultivated

Uncultivated

15

16

15

20

90

16

17

+54

16

17 +54

89

14

14

Equations

15

15

87

14

15

13

15

19

+ 20 - 24" x 44" Conc.

25

86

13

14

85

- 89 - 16

14

74 - 42 - 16

84

+86 Bdg. Pt. 27
+80 P.P. 27

+76 G.P. 29

+35 T.P. 30

+13 Ent.
15' x 20' C.M. 25'

+47 T.P. 29

+08 G.P. 26

+10 P.P. 30

+19 T.P. 32
+00 End Yd.

////// +89+33' ////
EQUATION
+39.39

Yard

+04 P.P. 27

+38 T.P. 32
+30 End Rod 15'

+91 Bdg. Rod - 54'

+01 P.P. 28

RICE CREEK RD.

+58 End Rod - 55'

+65 Ent

+18 Bdg. Rod - 16'

+67 T.P. 28

+69 P.P. 24

+22 Pts Rod - 15' 26

+03 End G.P. - 14

12

12

97

15

12

96

13

18

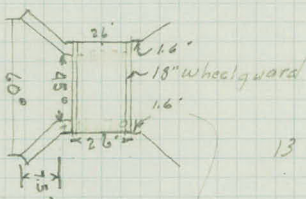
95

13

13

94

13



13

+ 97 4" Pop 44

+ 59.70 End Bridge

+ 11.70 Bag Bridge

93

92

14

13

91

+73 T.P. 24
 +61 Beg. Fe. 27
 +51 Bushes 34
 +38 Spruce 32
 +31 Spruce 43

Vineyard

+109 5" Elm 27
 +96 Ent 15"x24 C.M. 22

+150 T.P. 28

100 End Yards + 100 P.P. 28

178 Ent

+130 Ent 15"x20 C.M. 23
 +112 End Hedge 28

+25 End G.R. 14
 +23 T.P. 26
 G.R. 14

Cultivated

G.R. 14
 +95 T.P. 28

Yards

Yards

+27 P.P. 40
 +21 Beg. Hedge 28
 +13 Ent 15"x24 C.M. 24
 +01 Cross Fe. 37
 +99 30" Pop 27
 +91 End G. R. 14
 +90 24" Pop 28
 +78 24" Pop 28
 +65 24" Pop 30
 +52 24" Pop 31
 +27 24" Pop 32
 +15 24" Pop 34
 +00 G.R. 14
 +00 24" Pop 35
 +90 30" Pop 36
 +81 P.P. 5
 +76 20" Pop 45

RICE CREEK

Lake 29

+103 End Hedge 32
 +85 Fir 41
 +56 T.P. 27
 +55 Beg. G.R. 13
 +40 Beg. Hedge 30
 +31 Ent 15"x20 C.M. 26
 +24 P.P. 38
 +22 3" Pine 42

+50 Lake 83
 +40 P.P. 25
 +32 Beg. G.R. 74
 +29 3" Elm 27
 +13 End Fe 24
 +11 6" Elm 27
 Fc. 25
 +99 6" Elm 27

+150 Ent 15"x20 C.M. 22

+127 T.P. 29

4
+79 15

8
8 +79

104

14

9

103

13

10

102

11

14

101

10

14

100

10

13

15

11

13

10

9

12

99

10

13

98

Fe. 30

+79 Fe. 31

+56 30" Willow 24

+33 T.P. 30

Fe. 29

+14 Bag. Fe. 27
+09 - T.P. 26

+24 X Fe. 29
+21 Rge Tie Fe.

+80 Apple Tr. 34
+79 T.P. 30
+69 Apple Tr. 48
+66 Stump 25 Orchard

+25 Ent.
12"x20" C.M. 22'

+50 T.P. 20

+25 Rge Tie Ent. 30

+00 T.P. 19

+75 Ent.
+71 G.P. 47

+57 Fe. Cor 35

+25 Fe. 21
+22 T.P. 28
Fe. 21

+42 P.P. 15

+37 P.P. 18

+00 P.P. 19

+46 P.P. 25

+42 P.P. 29

Uncultivated

Grape Vineyard

	10	16		
111	9	17		
110	11	13		
109	10	14		
10	+79.60	RR. X 5 1/2 23' plank	13	
108	10	13		
107	10	15		
	134	10	14	+34
106	10	16		
13	(10)	+75- ^{10" pt} 12" CH x 36' C.M.	(17)	23'
	12	13		
	13	14		
105				

Fe 29

Fe. 28

+38 T.P. 15

- *Cultivated

California Red

+41 - T.P. 16
+38 R.R. Snow Fe - 17

 $+56 \Delta Fe \quad 27$

1384 Fe. 57

+ 17. Ent

15" x 15" x 32' Wood Box C. 24'
+ 32 Fc. Cor. 20
+ 31 P.P. 19
+ 25 Rye Tie Fc.

430 G.P. 20
475 Pae. T. Fr

+25 Rge Tie Fe
+19 Fe Cor 22'

+91 Beg. Fe. 22

+78 Ent

105 - p.p.	24
Fe.	25

134 Fe. 28'

Fe. 25'

+ 81 P.P. 18'
+ 81 X Fc. 19'

+72 G.P. 35

 $+37 \text{ Ent}$

131 P.P. 25

+ 50 Fc.	22
+ 37 Fc. Cor.	20
+ 37 T.P	19
125 Fc	25

10

15

118

7

18

117

8

17

116

7

17

115

8

18

114

8

15

113

8

16

112

+92-PP 14

o

Fe. 28

- +40 8" Oak 31
- +19 Triple Oak 30
- +07 Triple Oak 30
- Fe 30
- +94 4" Oak 34
- +82 6" Oak 34
- +76 6" Oak 40
- +66 Triple 32
- +55 -15" Oak 39
- +53 -6" Twin 33
- +38 -14" Oak 43
- +22 -6" Oak 43
- Fe 30

+03 PP 15

o

Cultivated

Cultivated

Fe 31

+15 PP 16

o

Fe 31

Fe 31

+25 PP 16

o

12

15

125

10

15

124

10

15

123

10

19

122

10

16

+ 95 Swamp 40.

121

10

19

+ 98 Twin 44
(+ 89 4 Oak 36

120

10

14

119

+37 Ent
+28 P.P. 13

+80 Fe. Cor. - 32x
+70 Ent

+60 P.P. 14

+72 P.P. 15

+84 P.P. 14

School Grounds

Cultivated

Cult.

+24 3" Oak 40
+23 Twin " 37
+22 3" Oak 41
+09 2" Oak 35
+04 Fe. Cor. 23-32

+38 Twin Oak 36
+27 10" Oak - 44

Fe. 31

+38 15" Oak 35
+08 4" Oak 35
+07 Twin Oak 25
Fe 29
+93 12" Oak 29

+50 18" Oak 42
+43 4" Oak 45
+13 15" Oak 49
+11 8" Oak 41
Fe 30
+88 12" Oak 44
+56 15" Oak 44
+41 4" Oak 44
+37 2-6" Oak 23-35
+31 Stump 46
+22 Stump 46
+22 4" Oak 36
+17 3" Oak 38
+12 2-8" Oaks 37-41

Wooded

Fe 27
+78 3" Oak 37
+76 6" Oak 44
+74 2 Stumps 46
+71 18" Oak 48
+69 18" Oak 36
+51 6" Oak 47
+16 8" Willow 1
+13 Rge Tie Fe
+07 Cross Fe 2
Fe. 27

Cult.

11

12

132

+86. Bay Rad. 33

131

12

12

130

12

12

129

13

13

128

12

12

127

13

13

126

+70 End 4d
 +69 3" Ash 34
 +45 6" Ash 36

+10 4" Elm 46
 +02 End Rad. 11"

+66 End Rad. 32
 +60 P.P. 28
 +58 Cor. Fe. 35
 +55 Beg. Rad. 12"

+11 6" Oak 33
 F.C. 36

+88 14" Oak 28

+22 Twin 26
 +19 8" Oak 46
 +16 8" Oak 26
 +15 Fe. Cor. 37
 +92 8" B.E. 34
 +87 P.P. 14

+50 End 4d

+17 Cor. Ho. 46
 54"
 25-ft.

+61 Ent.
 +58 End Fe. 53
 +49 30" Oak 38
 +35 A Fe. 28
 +27 P.P. 14

Fe 27
 +94 24" Oak 33
 +84 Twin Oak 38
 +72 Ben. Fe. 47
 +65 6" Ash 33
 +44 Triple Oak 33
 +37 6" Oak 36
 +31 12" Oak 38
 +25 Pine 36

+02 Pine 35
 +86 P.P. 14
 +70 24" Oak 31

+56 Ent.
 +30 4" Oak 46
 +20 Fe. Cor. 32
 +15" Oak 43
 +02 18" Oak 37

Cult.

+25 End Rad 13

Co. RD. "H"

+84 Beg. Rad 54

+62 End Rad 55
 +41 Stump 42
 +21 6" Oak 27
 +11 1" Elm 37
 +16 Beg. Rad. 13
 +92 Stump 28
 +90 15" Oak 27

+66 4" Elm 37
 +48 3" Elm 37
 +36 Ent.
 +15 12" C.M. 17
 +25 3" Elm 37

+58 Ent.
 +47 End Fe. 23

Fe 23

Fe 23

14

11

139

13

12

138

13

12

137

12

11

136

13

10

135

12

11

134

11

12

133

Fe.

+11 Ent.
15" x 20' G.M. 21'

Cultivated

+149 Fe. Cor. 31
+45 P.P. 28
+136 Ent.
12" x 20' G.M. 20'

+40 G.P. - 27
+137 X Fe. 33

Cultivated

+68 P.P. 29

Cultivated

+178 Ent.
+65 - 6" Ash 31
+48 8" Ash 32
+30 - 1" Sapling 32
+16 - 12" Ash 44
100 Yard Bag + 65 - 4" Ash 31

+97 P.P. 28

+22 P.P. 28

15

11

146

15

11

145

13

10

144

13

12

143

13

13

142

15

10

141

14

12

140

Fe. 31
+82 P.P. 28

+87 Fe. Cor. 29

+17 P.P. 28

+03 Ent.
+12" x 20 C.M. 21'

+92 3" Will. Fe. Cor. 23-33

+85 12" Will. 21

+41 6" Willows 23

Fe. 32

+49 P.P. 28'

+36 15" Pop. 20'

+29 12" Pop. 20'

+09 15" Pop. 20'

Fe. 32

Fe. 31

+77 P.P. 28

Fe. 31

+10 P.P. 28

Ditch 130'

Uncultivated

Hay Meadow

15

10

153

15

10

152

16

10

151

17

10

50

15

10

149

14

11

148 19

+02-15" x 32' C.M.
15

10

13"

147

+45 P.P. 35
138 X Fe. 35 x

Fe. 34

Fe. 34

+79 P.P. 29

Fe 34

+14 P.P. 29
Fe. 34

Uncultivated

Fe. 33

+47 P.P. 28

+24 X Fe. 34 x

Fe. 33

Hay Meadow

+00 Ditch 13'

159

158

157

13

10

156

14

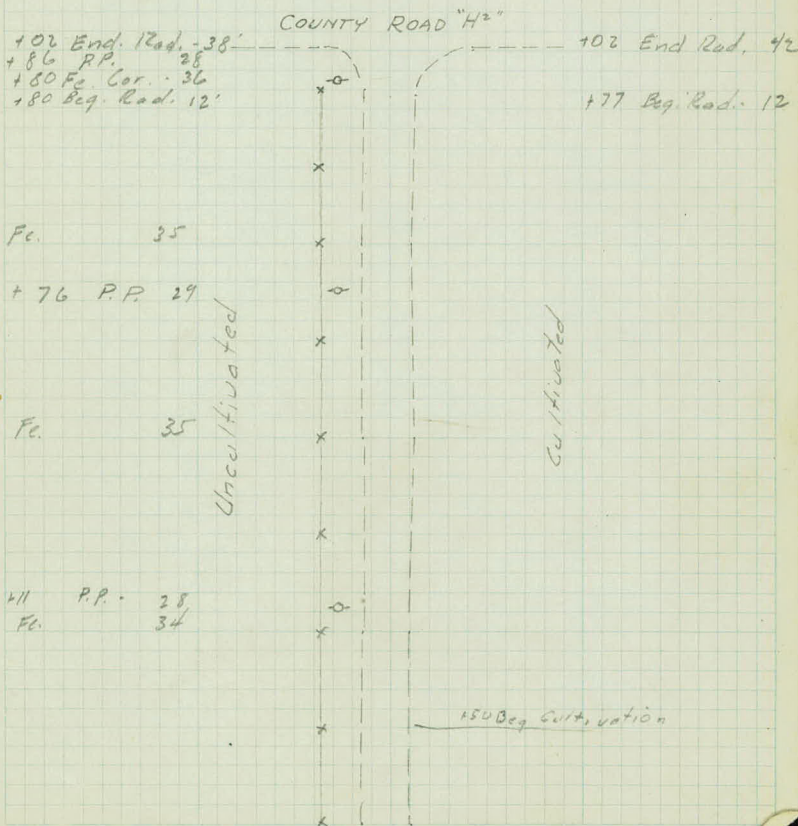
12

155

14

10

154





Long Lake Rd.

From Co Rd. F

to Co Rd. H²

Bench Levels

PL	+	π	-	Elev
B.M.	1.83	888.99		887.16
T.P.	11.94	895.82	5.11	883.88
T.P.	12.62	907.05	1.39	894.43
B.M.	1.99	902.94	6.10	900.75
T.P.	0.23	892.96	10.21	892.73
T.P.	1.47	887.46	6.97	885.99
B.M.	2.64	880.23	9.87	877.59
T.P.	2.68	876.18	6.73	873.50
T.P.	12.62	884.40	4.40	871.78
B.M.	10.57	894.59	0.38	884.02
T.P.	5.50	898.12	1.97	892.62
T.P.	4.76	897.47	5.41	892.71
B.M.	6.97	899.37	5.07	892.40
T.P.	9.24	907.05	1.56	897.81
T.P.	1.46	905.87	2.64	904.41
B.M.	0.67	897.61	8.93	896.94
T.P.	0.86	887.70	10.77	886.84
T.P.	1.20	879.73	9.17	878.53
B.M.	7.63	884.09	3.27	876.46
T.P.	10.78	894.61	0.26	883.83
T.P.	4.44	898.72	0.33	894.28
T.P.	1.90	895.38	5.24	893.48
B.M.	10.67	894.41	11.64	883.74
T.P.	9.54	903.70	0.25	894.16
T.P.	2.38	902.42	3.66	900.04

Fredeen Road
(877.95)

X

Top Mon. (Sta. 20+29.82 - Long Lake Notes * O-9446)

Spike in P.P. 28' Rt 15+36

Spike in T.P. 28' Lt 32+59

Spike in P.P. 24' Rt 47+51

Spike in P.P. 24' Rt 63+46

Spike in T.P. 29' Lt 80+28

N.E. Cor. Top Hand Rail Bridge

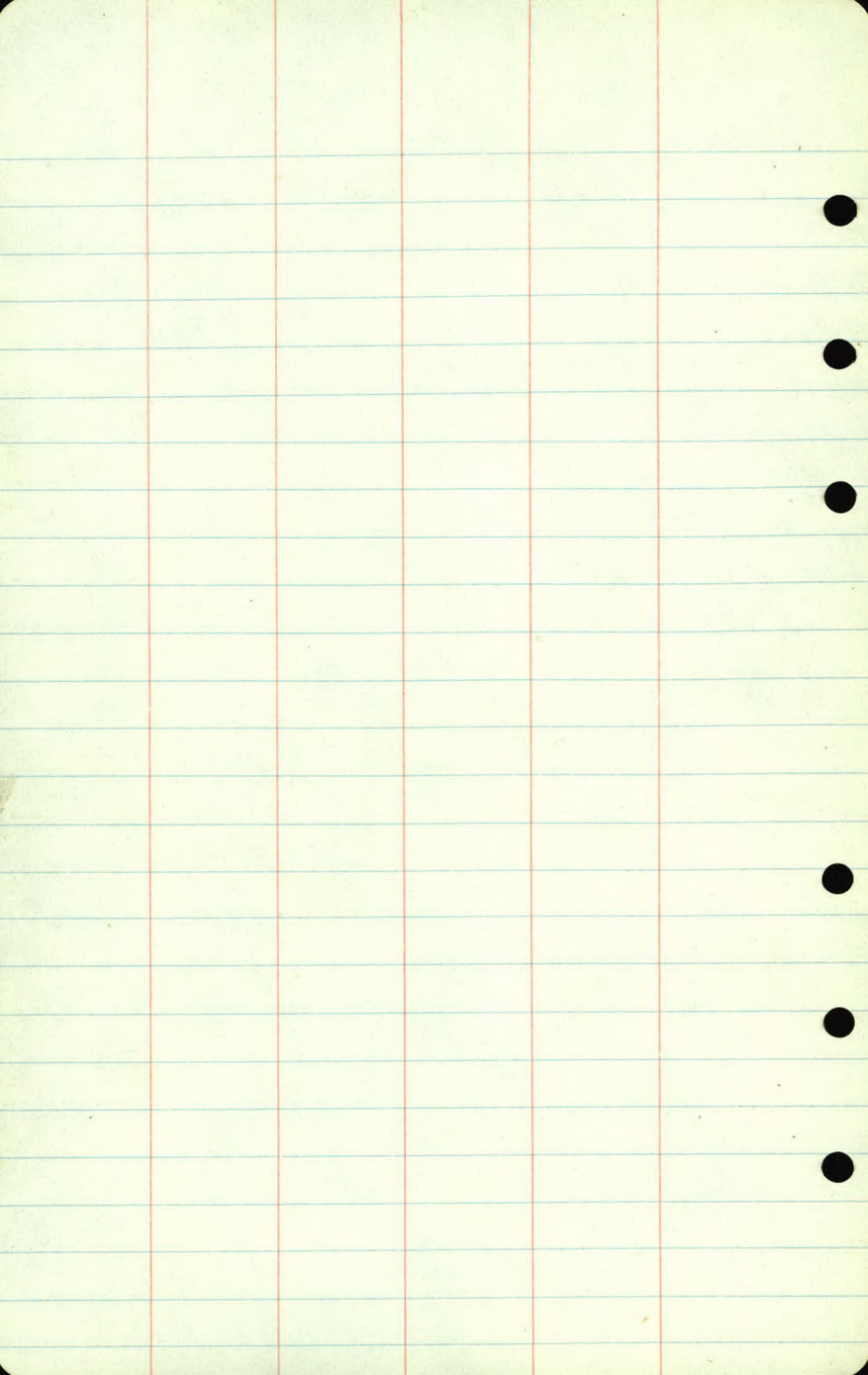
Top Mon. - (P.I. 105+76.59)

Pt.	+	+	-	Elev.
		902.42.		
T.P.	10.77	907.29.	5.90	896.52.
B.M.	7.23		7.23	900.06
T.P.	6.29	912.74.	0.84	906.45.
T.P.	4.26	910.32.	6.68	906.06.
B.M.	3.77	908.52.	5.57	904.75.
T.P.	3.06	905.14.	6.44	902.08.
T.P.	2.43	899.36.	8.21	896.93.
T.P.	6.14	899.71.	5.79	893.57.
B.M.			1.31	898.40.

Spice 15" Oak 46" Rt. 121+56

Top Mon (P.I. 131+75.10)

Top Mon. (P.I. 158+14.2)



LONG LAKE RD.

from Front St.
to Co. Rd H²

Sta.	+	π	-	Elev.
B.M.	3.45	890.61	✓	882.16
0 - 50			4.1	86.5.
0 + 00			4.3	86.3 .
+ 50			4.6	86.0 .
1			4.9	85.7 .
+ 50			5.3	85.3 .
2			6.1	84.5 .
+ 10			6.2	84.4 .
+ 23			6.4	84.2 .
+ 44	Conc. Sec. Thrd. 24 "C.M."		6.7	83.9 .
+ 68			6.7	83.9 .
3			6.7	83.9 .
+ 50			6.8	83.8 .

Top Mon.

0-94

$\frac{3.2}{50}$ $\frac{3.8}{30}$ $\frac{4.4}{13}$ $\frac{4.3}{10}$ $\frac{4.1}{4.1}$ $\frac{4.7}{15}$ $\frac{6.2}{21}$ $\frac{6.4}{25}$ $\frac{4.0}{34}$ $\frac{4.4}{50}$ ✓

$\frac{4.8}{50}$ $\frac{4.3}{37}$ $\frac{4.2}{24}$ $\frac{5.7}{21}$ $\frac{4.5}{18}$ $\frac{4.3}{15}$ $\frac{5.0}{4.3}$ $\frac{6.6}{14}$ $\frac{4.2}{18}$ $\frac{4.5}{23}$ $\frac{4.5}{29}$ $\frac{4.5}{50}$ ✓

$\frac{5.5}{50}$ $\frac{4.9}{24}$ $\frac{6.3}{21}$ $\frac{6.2}{17}$ $\frac{4.9}{14}$ $\frac{4.6}{4.6}$ $\frac{5.1}{14}$ $\frac{6.5}{18}$ $\frac{6.3}{23}$ $\frac{4.3}{31}$ $\frac{3.5}{50}$ ✓

$\frac{8.2}{50}$ $\frac{7.0}{38}$ $\frac{5.6}{23}$ $\frac{7.0}{20}$ $\frac{5.3}{18}$ $\frac{5.4}{13}$ $\frac{7.0}{18}$ $\frac{5.7}{21}$ $\frac{3.8}{27}$ $\frac{4.6}{41}$ $\frac{4.6}{50}$ ✓

$\frac{8.9}{50}$ $\frac{7.4}{39}$ $\frac{6.3}{24}$ $\frac{7.2}{21}$ $\frac{5.6}{18}$ $\frac{5.3}{13}$ $\frac{5.6}{14}$ $\frac{7.1}{18}$ $\frac{5.5}{25}$ $\frac{5.1}{50}$ ✓

pitch

$\frac{13.3}{52}$ $\frac{10.6}{50}$ $\frac{10.3}{41}$ $\frac{9.1}{27}$ $\frac{7.5}{17}$ $\frac{6.4}{13}$ $\frac{6.2}{6.1}$ $\frac{7.4}{14}$ $\frac{5.9}{17}$ $\frac{5.0}{21}$ $\frac{5.9}{28}$ $\frac{5.0}{50}$ ✓

$\frac{10.6}{50}$ $\frac{10.6}{42}$ $\frac{13.4}{41}$ $\frac{10.7}{36}$ $\frac{10.4}{30}$ $\frac{7.6}{17}$ $\frac{6.5}{13}$ $\frac{6.2}{6.2}$ $\frac{8.0}{13}$ $\frac{6.4}{19}$ $\frac{5.7}{22}$ $\frac{6.4}{30}$ $\frac{5.7}{50}$ ✓

$\frac{11.1}{50}$ $\frac{11.0}{36}$ $\frac{13.5}{35}$ $\frac{11.4}{33}$ $\frac{9.4}{23}$ $\frac{7.8}{17}$ $\frac{6.7}{13}$ $\frac{6.6}{13}$ $\frac{8.6}{19}$ $\frac{9.8}{35}$ $\frac{10.6}{50}$ ✓

F.L. 76.82

F.L. 77.04

$\frac{10.6}{50}$ $\frac{10.6}{41}$ $\frac{13.6}{30}$ $\frac{13.7}{25}$ $\frac{13.6}{25}$ $\frac{6.8}{15}$ $\frac{7.1}{6.7}$ $\frac{13.5}{16}$ $\frac{13.2}{24}$ $\frac{13.2}{20}$ $\frac{11.3}{27}$ $\frac{10.8}{29}$ $\frac{10.8}{50}$ ✓

$\frac{9.0}{50}$ $\frac{9.2}{32}$ $\frac{7.2}{18}$ $\frac{6.7}{6.7}$ $\frac{10.5}{12}$ $\frac{7.9}{23}$ $\frac{13.9}{50}$ $\frac{13.9}{63}$ ✓

$\frac{3.8}{50}$ $\frac{3.9}{39}$ $\frac{6.6}{24}$ $\frac{7.5}{22}$ $\frac{7.6}{18}$ $\frac{6.8}{13}$ $\frac{6.7}{6.7}$ $\frac{9.1}{13}$ $\frac{10.8}{23}$ $\frac{11.0}{33}$ $\frac{11.0}{50}$ ✓

$\frac{2.9}{50}$ $\frac{2.9}{38}$ $\frac{6.6}{25}$ $\frac{8.9}{18}$ $\frac{7.0}{21}$ $\frac{6.8}{13}$ $\frac{6.9}{12}$ $\frac{8.8}{17}$ $\frac{8.0}{19}$ $\frac{8.1}{21}$ $\frac{9.2}{31}$ $\frac{9.2}{50}$ ✓

Sta.	+	π	-	Elev.
		890.61 ✓		
4			7.1	83.5 .
T.P.	5.01	888.97 ✓	6.65	883.96 ✓
+ 18			5.5	83.5 .
+ 26			5.5	83.5 .
+ 56			5.5	83.5 .
5			5.3	83.7 .
+ 50			5.2	83.8 .
6			4.6	84.4 .
+ 22	Sec. thru 24" Conc.		4.5	84.5 .
+ 25			4.5	84.5 .
+ 77			3.5	85.5 .
7			2.7	86.3 .
+ 50			0.6	88.4 .

2.8 2.8 3.2 7.5 9.3 7.4 ✓ 7.2 8.8 7.5 7.6 8.9 ✓
 50 38 34 24 22 19 13 7.1 12 19 22 26 32 50

Spike P.P. 28' R.H. 4x18 ✓

2.1 1.7 6.1 6.7 7.7 5.7 ✓ 5.5 6.2 6.4 7.9 ✓
 50 38 29 25 22 19 14 5.5 12 17 34 50

3.8 4.2 6.2 6.6 7.4 7.0 5.8 ✓ 5.5 7.3 6.5 8.0 ✓
 50 33 27 22 20 17 11 5.5 12 18-23 28 50

4.8 5.3 6.5 6.7 7.4 7.2 5.9 ✓ 5.3 7.6 7.3 8.1 9.3 ✓
 50 33 28 23 21 17 14 5.5 13 19-22 23 34 50

10.0 9.3 5.2 ✓
 50 22 12

5.3 5.2 10.4 11.7 ✓
 53 9 13 24 50

10.7 11.0 10.4 5.3 ✓ 5.3 5.3 10.6 12.3 12.3 ✓
 50 40 25 13 52 9 13 24 39 50

10.5 11.0 4.6 ✓ 4.8 10.8 11.9 10.5 12.9 ✓
 50 29 11 4.6 12 24 43 47 50

73.95

73.19

14.2 (15.02) 11.5 8.8 4.4 ✓ 4.7 10.6 12.6 (15.78) 15.3 15.4 ✓
 50 27 27 22 12 4.5 12 22 27 27 32 50

11.6 11.6 12.7 11.5 8.9 4.5 ✓ 4.7 10.0 12.2 14.4 11.7 11.7 ✓
 50 30 28 27 27 12 4.5 12 22 31 32 36 50

12.1 11.8 12.9 11.5 9.0 3.8 3.3 ✓ 4.1 8.0 10.9 13.0 12.0 12.7 ✓
 50 34 33 32 27 14 12 3.5 14 23 32 36-38 39 50

11.9 11.8 12.4 7.8 2.5 ✓ 3.6 7.4 9.8 11.6 12.6 ✓
 50 34 33 26 13 2.7 15 23 32 35 50

9.5 9.4 10.4 8.6 4.0 0.0 ✓ 1.9 7.4 10.4 11.1 12.2 ✓
 50 37 36 34 23 14 0.6 16 31 37 46 50

Sta.	+	π	-	Elev.
		888.97 ⁸ ✓		
8				90.1
+50				91.4
T.P.	8.79	897.33 [✓]	0.43	888.54 [✓]
8			7.2	90.1.
+50			5.9	91.4.
+80			4.8	92.5.
9 + 09			4.2	93.1.
T.P.	11.76	908.34 [✓]	0.75	896.58 [✓]
+50			13.9	94.4.
10			12.9	95.4.
+50			11.7	96.6.
11			10.4	97.9.
+50			8.7	99.6.
12			7.6	100.7.

6.6

820

$\frac{3.0}{50}$ $\frac{3.0}{48}$ $\frac{4.1}{47}$ $\frac{2.4}{42}$ $\frac{1.0}{31}$

$\frac{+11.1}{\checkmark}$

$\frac{3.8}{25}$ $\frac{8.5}{36}$ $\frac{9.8}{50}$

$\checkmark$

$+2.4$

848

$\frac{4.2}{26}$ $\frac{4.8}{34}$ $\frac{3.3}{36}$ $\frac{4.3}{50}$

$\checkmark$

$\frac{6.4}{26}$ $\frac{7.2}{16}$ $\frac{8.5}{16}$

$\frac{8.2}{50}$ $\frac{9.7}{40}$ $\frac{7.8}{27}$ $\frac{5.8}{12}$ $\frac{5.9}{59}$ $\frac{7.1}{16}$

$\checkmark$

$\frac{7.9}{50}$ $\frac{8.1}{45}$ $\frac{8.5}{42}$ $\frac{8.0}{36}$ $\frac{5.9}{29}$ $\frac{6.8}{23}$ $\frac{6.5}{17}$ $\frac{5.0}{12}$ $\frac{4.8}{4.8}$ $\frac{6.3}{15}$ $\frac{10.3}{22}$ $\frac{10.3}{29}$ $\frac{8.0}{33}$ $\frac{9.7}{50}$

$\checkmark$

$\frac{5.2}{50}$ $\frac{12.0}{32}$ $\frac{12.0}{30}$ $\frac{5.1}{17}$ $\frac{3.5}{16}$ $\frac{12}{12}$ $\frac{4.2}{4.2}$ $\frac{5.8}{15}$ $\frac{6.8}{19}$ $\frac{6.7}{24}$ $\frac{5.9}{27}$ $\frac{6.6}{50}$

$\checkmark$

$\frac{8.5}{50}$ $\frac{8.4}{32}$ $\frac{14.9}{16.20}$ $\frac{13.5}{12}$ $\frac{13.9}{13.9}$ $\frac{15.4}{16}$ $\frac{17.1}{19.23}$ $\frac{8.6}{36}$ $\frac{9.9}{42}$ $\frac{11.1}{50}$

$\checkmark$

$\frac{8.5}{50}$ $\frac{8.0}{30}$ $\frac{13.9}{20.17}$ $\frac{12.1}{12}$ $\frac{12.9}{12.9}$ $\frac{14.4}{15}$ $\frac{15.1}{19.24}$ $\frac{6.0}{38}$ $\frac{6.6}{43}$ $\frac{7.0}{50}$

$\checkmark$

$\frac{7.5}{50}$ $\frac{7.2}{29}$ $\frac{12.4}{20.17}$ $\frac{11.0}{13}$ $\frac{11.7}{11.7}$ $\frac{13.1}{15}$ $\frac{14.9}{19.22}$ $\frac{4.2}{38}$ $\frac{5.2}{50}$

$\checkmark$

$\frac{7.9}{50}$ $\frac{7.1}{25}$ $\frac{11.0}{20.17}$ $\frac{9.9}{12}$ $\frac{10.4}{10.4}$ $\frac{11.4}{16}$ $\frac{12.4}{20.23}$ $\frac{14.8}{28}$ $\frac{9.5}{33}$ $\frac{5.7}{35}$ $\frac{6.3}{50}$

$\checkmark$

$\frac{8.3}{50}$ $\frac{6.6}{26}$ $\frac{9.6}{20.16}$ $\frac{8.5}{12}$ $\frac{8.7}{8.7}$ $\frac{9.9}{16}$ $\frac{10.8}{20.24}$ $\frac{8.6}{29}$ $\frac{5.6}{35}$ $\frac{6.4}{50}$

$\checkmark$

$\frac{7.9}{50}$ $\frac{7.5}{39}$ $\frac{6.2}{26}$ $\frac{9.0}{21.18}$ $\frac{7.8}{13}$ $\frac{7.6}{7.6}$ $\frac{7.9}{15}$ $\frac{9.0}{19.22}$ $\frac{4.8}{32}$ $\frac{4.9}{50}$

$\checkmark$

908.34 ✓

12 + 50

6.6

01.7 .

13

6.0

02.3 .

+ 50

5.6

02.7 .

14

5.1

03.2 .

+ 50

5.2

03.1 .

15

5.6

02.7 .

B.M.

3.24

904.19 ✓

7.34

901.00 .

900.95 ✓ .

+ 50

2.0

02.2 .

16

2.7

01.5 .

+ 50

3.8

00.4 .

17

5.2

99.0 .

+ 50

6.0

98.2 .

18

7.1

97.1 .

<u>7.1</u>	<u>5.2</u>	<u>8.4</u>	<u>2.2</u>		<u>7.0</u>	<u>8.0</u>	<u>4.4</u>	<u>4.4</u>
50	25	20-16	13	6.4	14	18-23	31	50

✓

<u>6.9</u>	<u>6.4</u>	<u>7.5</u>	<u>6.2</u>		<u>6.2</u>	<u>6.8</u>	<u>5.0</u>	<u>4.3</u>
50	25	20-17	14	6.0	14	19-22	27	50

✓

<u>6.6</u>	<u>6.2</u>	<u>7.3</u>	<u>5.9</u>		<u>5.8</u>	<u>6.0</u>	<u>4.3</u>	<u>3.4</u>
50	23	20-17	13	5.4	14	18-23	27	50

✓

<u>5.6</u>	<u>5.5</u>	<u>7.0</u>	<u>5.5</u>		<u>5.7</u>	<u>5.8</u>	<u>4.0</u>	<u>3.1</u>
50	23	21-17	13	5.1	13	22	28	50

✓

<u>4.3</u>	<u>5.0</u>	<u>6.9</u>	<u>5.6</u>		<u>5.5</u>	<u>6.5</u>	<u>5.5</u>	<u>5.5</u>
50	24	21-18	13	5.2	14	19-22	25	50

✓

<u>4.9</u>	<u>4.4</u>	<u>7.0</u>	<u>5.8</u>		<u>6.0</u>	<u>7.3</u>	<u>8.0</u>	<u>8.9</u>
50	26	22-18	12	5.4	14	18	25	50

✓

Spike P.P. 28' Rt 15' 36'

<u>1.7</u>	<u>2.0</u>	<u>1.8</u>	<u>0.0</u>		<u>3.4</u>	<u>2.4</u>		<u>2.5</u>	<u>4.1</u>	<u>3.8</u>	<u>5.0</u>	<u>8.0</u>
50	45	35	27	20-17	13	2.0	15	19-21	23	27	50	

✓

<u>0.2</u>	<u>2.4</u>	<u>2.6</u>	<u>2.3</u>	<u>3.3</u>	<u>2.9</u>		<u>3.2</u>	<u>4.8</u>	<u>4.4</u>	<u>6.0</u>	<u>9.4</u>
50	34	29	21	18-16	13	2.7	15	19-21	25	28	56

✓

<u>1.7</u>	<u>1.4</u>	<u>3.8</u>	<u>3.8</u>		<u>4.3</u>	<u>5.1</u>	<u>4.7</u>	<u>6.0</u>	<u>7.2</u>	<u>9.3</u>
50	28	17	11	3.8	15	18-20	24	28	39	50

✓

<u>3.6</u>	<u>2.9</u>	<u>3.0</u>	<u>6.2</u>	<u>5.3</u>		<u>5.7</u>	<u>5.8</u>	<u>5.3</u>	<u>5.8</u>	<u>6.7</u>	<u>7.9</u>
50	37	25	20-17	12	5.2	19	22	24	32	41	50

✓

<u>6.0</u>	<u>5.7</u>	<u>6.9</u>	<u>6.7</u>	<u>6.3</u>		<u>6.0</u>	<u>6.6</u>	<u>6.0</u>	<u>7.2</u>	<u>7.6</u>
50	26	19	14	11	6.0	19	33	36	46	50

✓

<u>9.6</u>	<u>8.8</u>	<u>9.2</u>	<u>7.2</u>		<u>7.3</u>	<u>7.0</u>	<u>6.9</u>	<u>7.4</u>	<u>8.2</u>	<u>7.0</u>
50	26	22-19	12	7.1	13	19	34	44	46	49

✓

V.W.F.L. 15" O.K.

E.F.L. 12" C.M.

10.31

9.31

E. Culv. under Side Rd.

Sta.	+	Σ	-	Elev
		904.19 ✓		
18 +50			8.2	96.0 .
19			9.3	94.9 .
+50			10.1	94.1 .
20			11.2	93.0 .
T.P.	0.89	893.97 ✓	11.11	893.08 ✓
+50			2.0	92.0 .
21			2.9	91.1 .
+50			3.9	90.1 .
22			5.0	89.0 .
+50.			5.7	88.3 .
23			6.4	87.6 .
+50			6.8	87.2 .
24			7.2	86.8 .

$$\begin{array}{r} 13.8 \\ 50 \end{array} \quad \begin{array}{r} 12.9 \\ 36 \end{array} \quad \begin{array}{r} 10.8 \\ 18 \end{array} \quad \begin{array}{r} 8.4 \\ 12 \end{array} \quad \begin{array}{r} 8.9 \\ 18 \end{array} \quad \begin{array}{r} 9.6 \\ 20 \end{array} \quad \begin{array}{r} 9.7 \\ 27 \end{array} \quad \begin{array}{r} 8.5 \\ 33 \end{array} \quad \begin{array}{r} 8.1 \\ 50 \end{array}$$

$$\begin{array}{r} 14.4 \\ 50 \end{array} \quad \begin{array}{r} 13.0 \\ 31 \end{array} \quad \begin{array}{r} 11.2 \\ 16 \end{array} \quad \begin{array}{r} 9.5 \\ 11 \end{array} \quad \begin{array}{r} 9.3 \\ 9.3 \end{array} \quad \begin{array}{r} 9.5 \\ 15 \end{array} \quad \begin{array}{r} 11.2 \\ 24 \end{array} \quad \begin{array}{r} 11.5 \\ 40 \end{array} \quad \begin{array}{r} 9.6 \\ 47 \end{array} \quad \begin{array}{r} 9.4 \\ 50 \end{array}$$

$$\begin{array}{r} 12.3 \\ 50 \end{array} \quad \begin{array}{r} 10.4 \\ 27 \end{array} \quad \begin{array}{r} 12.3 \\ 21 \end{array} \quad \begin{array}{r} 10.6 \\ 11 \end{array} \quad \begin{array}{r} 10.1 \\ 10 \end{array} \quad \begin{array}{r} 10.5 \\ 14 \end{array} \quad \begin{array}{r} 12.0 \\ 18 \end{array} \quad \begin{array}{r} 11.6 \\ 23 \end{array} \quad \begin{array}{r} 13.4 \\ 47 \end{array} \quad \begin{array}{r} 14.3 \\ 50 \end{array}$$

$$\begin{array}{r} 11.0 \\ 50 \end{array} \quad \begin{array}{r} 10.0 \\ 26 \end{array} \quad \begin{array}{r} 12.9 \\ 22 \end{array} \quad \begin{array}{r} 11.4 \\ 10 \end{array} \quad \begin{array}{r} 11.2 \\ 11.2 \end{array} \quad \begin{array}{r} 11.6 \\ 13 \end{array} \quad \begin{array}{r} 13.4 \\ 19 \end{array} \quad \begin{array}{r} 12.9 \\ 23 \end{array} \quad \begin{array}{r} 14.5 \\ 25 \end{array} \quad \begin{array}{r} 16.0 \\ 30 \end{array} \quad \begin{array}{r} 16.0 \\ 50 \end{array}$$

$$\begin{array}{r} 2.3 \\ 50 \end{array} \quad \begin{array}{r} 1.7 \\ 45 \end{array} \quad \begin{array}{r} 1.4 \\ 25 \end{array} \quad \begin{array}{r} 3.4 \\ 19 \end{array} \quad \begin{array}{r} 2.1 \\ 11 \end{array} \quad \begin{array}{r} 2.0 \\ 2.0 \end{array} \quad \begin{array}{r} 2.3 \\ 12 \end{array} \quad \begin{array}{r} 4.4 \\ 21 \end{array} \quad \begin{array}{r} 5.1 \\ 29 \end{array} \quad \begin{array}{r} 6.5 \\ 40 \end{array} \quad \begin{array}{r} 7.7 \\ 50 \end{array}$$

$$\begin{array}{r} 4.4 \\ 50 \end{array} \quad \begin{array}{r} 3.4 \\ 31 \end{array} \quad \begin{array}{r} 3.8 \\ 24 \end{array} \quad \begin{array}{r} 4.8 \\ 21 \end{array} \quad \begin{array}{r} 3.2 \\ 17 \end{array} \quad \begin{array}{r} 2.9 \\ 12 \end{array} \quad \begin{array}{r} 3.3 \\ 14 \end{array} \quad \begin{array}{r} 8.1 \\ 25 \end{array} \quad \begin{array}{r} 9.1 \\ 34 \end{array} \quad \begin{array}{r} 10.2 \\ 46 \end{array} \quad \begin{array}{r} 11.7 \\ 50 \end{array}$$

$$\begin{array}{r} 7.6 \\ 50 \end{array} \quad \begin{array}{r} 6.6 \\ 18 \end{array} \quad \begin{array}{r} 4.1 \\ 12 \end{array} \quad \begin{array}{r} 3.9 \\ 3.9 \end{array} \quad \begin{array}{r} 4.0 \\ 13 \end{array} \quad \begin{array}{r} 11.5 \\ 29 \end{array} \quad \begin{array}{r} 13.0 \\ 39 \end{array} \quad \begin{array}{r} 12.6 \\ 50 \end{array}$$

$$\begin{array}{r} 10.7 \\ 50 \end{array} \quad \begin{array}{r} 9.8 \\ 32 \end{array} \quad \begin{array}{r} 9.0 \\ 23 \end{array} \quad \begin{array}{r} 5.1 \\ 12 \end{array} \quad \begin{array}{r} 5.0 \\ 5.0 \end{array} \quad \begin{array}{r} 5.3 \\ 13 \end{array} \quad \begin{array}{r} 9.7 \\ 23 \end{array} \quad \begin{array}{r} 9.1 \\ 50 \end{array}$$

$$\begin{array}{r} 13.8 \\ 50 \end{array} \quad \begin{array}{r} 13.3 \\ 38 \end{array} \quad \begin{array}{r} 11.9 \\ 29 \end{array} \quad \begin{array}{r} 10.7 \\ 23 \end{array} \quad \begin{array}{r} 6.0 \\ 13 \end{array} \quad \begin{array}{r} 5.7 \\ 5.7 \end{array} \quad \begin{array}{r} 5.8 \\ 13 \end{array} \quad \begin{array}{r} 7.3 \\ 18 \end{array} \quad \begin{array}{r} 6.4 \\ 24 \end{array} \quad \begin{array}{r} 6.2 \\ 37 \end{array} \quad \begin{array}{r} 5.9 \\ 50 \end{array}$$

$$\begin{array}{r} 14.8 \\ 50 \end{array} \quad \begin{array}{r} 13.7 \\ 36 \end{array} \quad \begin{array}{r} 13.1 \\ 29 \end{array} \quad \begin{array}{r} 9.8 \\ 19 \end{array} \quad \begin{array}{r} 6.6 \\ 12 \end{array} \quad \begin{array}{r} 6.4 \\ 6.4 \end{array} \quad \begin{array}{r} 6.6 \\ 14 \end{array} \quad \begin{array}{r} 7.3 \\ 21 \end{array} \quad \begin{array}{r} 7.3 \\ 25 \end{array} \quad \begin{array}{r} 6.6 \\ 34 \end{array} \quad \begin{array}{r} 5.8 \\ 50 \end{array}$$

$$\begin{array}{r} 14.2 \\ 50 \end{array} \quad \begin{array}{r} 12.9 \\ 29 \end{array} \quad \begin{array}{r} 11.6 \\ 23 \end{array} \quad \begin{array}{r} 9.6 \\ 19 \end{array} \quad \begin{array}{r} 7.0 \\ 13 \end{array} \quad \begin{array}{r} 6.8 \\ 6.8 \end{array} \quad \begin{array}{r} 7.1 \\ 13 \end{array} \quad \begin{array}{r} 8.7 \\ 19 \end{array} \quad \begin{array}{r} 6.4 \\ 26 \end{array} \quad \begin{array}{r} 5.4 \\ 38 \end{array} \quad \begin{array}{r} 4.3 \\ 50 \end{array}$$

$$\begin{array}{r} 12.6 \\ 50 \end{array} \quad \begin{array}{r} 11.6 \\ 30 \end{array} \quad \begin{array}{r} 11.4 \\ 24 \end{array} \quad \begin{array}{r} 9.5 \\ 21 \end{array} \quad \begin{array}{r} 9.0 \\ 16 \end{array} \quad \begin{array}{r} 7.5 \\ 12 \end{array} \quad \begin{array}{r} 7.2 \\ 7.2 \end{array} \quad \begin{array}{r} 7.4 \\ 13 \end{array} \quad \begin{array}{r} 8.4 \\ 19 \end{array} \quad \begin{array}{r} 5.6 \\ 24 \end{array} \quad \begin{array}{r} 4.8 \\ 30 \end{array} \quad \begin{array}{r} 4.1 \\ 41 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

Sta.	+	π	-	Elev
		893.97 ✓		
24 + 50			7.5	86.5
25			7.8	86.2
T.P.	9.22	894.63 ✓	8.56	885.41 ✓
+ 50			8.4	86.2
26			8.6	86.0
+ 50			8.7	85.9
27			8.9	85.7
+ 50			9.2	85.4 ✓
28			9.6	85.0
+ 50			10.1	84.5
29			10.9	83.7
T.P.	110	884.48 ✓	11.25	883.38 ✓
+ 41			1.6	82.9
30			2.4	82.1

$\frac{12.2}{50}$ $\frac{11.5}{36}$ $\frac{10.8}{26}$ $\frac{10.0}{19}$ $\frac{7.9}{13}$ $\frac{7.7}{13}$ $\frac{9.0}{18.23}$ $\frac{4.7}{33}$ $\frac{3.8}{50}$ ✓

$\frac{11.6}{50}$ $\frac{10.3}{30}$ $\frac{9.3}{23}$ $\frac{9.8}{21.17}$ $\frac{8.3}{13}$ $\frac{7.8}{7.8}$ $\frac{9.1}{13}$ $\frac{7.6}{18.22}$ $\frac{4.0}{27}$ $\frac{3.3}{33}$ $\frac{3.3}{50}$ ✓

$\frac{12.0}{50}$ $\frac{11.2}{34}$ $\frac{10.2}{23}$ $\frac{10.4}{18.21}$ $\frac{9.0}{13}$ $\frac{8.6}{8.4}$ $\frac{10.2}{14}$ $\frac{4.9}{19.23}$ $\frac{4.5}{31}$ $\frac{4.5}{50}$ ✓

$\frac{12.4}{50}$ $\frac{11.7}{33}$ $\frac{10.6}{24}$ $\frac{10.3}{19}$ $\frac{9.1}{15}$ $\frac{8.9}{8.6}$ $\frac{10.6}{14}$ $\frac{6.5}{19.24}$ $\frac{5.8}{29}$ $\frac{5.8}{56}$ ✓

$\frac{11.6}{50}$ $\frac{11.0}{32}$ $\frac{9.8}{24}$ $\frac{10.7}{21.17}$ $\frac{9.2}{12}$ $\frac{9.0}{8.7}$ $\frac{10.4}{14}$ $\frac{5.9}{18.22}$ $\frac{5.5}{30}$ $\frac{5.5}{50}$ ✓

$\frac{9.8}{50}$ $\frac{9.3}{36}$ $\frac{8.8}{24}$ $\frac{10.8}{21.17}$ $\frac{9.3}{13}$ $\frac{9.1}{8.9}$ $\frac{10.2}{13}$ $\frac{8.9}{16.21}$ $\frac{3.2}{24}$ $\frac{3.5}{33}$ $\frac{3.5}{50}$ ✓

$\frac{7.9}{50}$ $\frac{6.8}{27}$ $\frac{11.2}{20.17}$ $\frac{9.7}{12}$ $\frac{9.4}{9.2}$ $\frac{10.8}{12}$ $\frac{9.5}{16.20}$ $\frac{6.3}{23}$ $\frac{1.3}{29}$ $\frac{1.7}{36}$ $\frac{1.7}{50}$ ✓

$\frac{10.7}{50}$ $\frac{10.1}{39}$ $\frac{9.0}{24}$ $\frac{11.5}{19.16}$ $\frac{10.1}{11}$ $\frac{10.1}{9.6}$ $\frac{11.2}{14}$ $\frac{10.9}{17.20}$ $\frac{2.2}{24}$ $\frac{2.9}{37}$ $\frac{2.9}{50}$ ✓

$\frac{18.4}{50}$ $\frac{13.2}{30}$ $\frac{12.0}{21}$ $\frac{12.2}{18.15}$ $\frac{10.6}{11}$ $\frac{10.4}{10.1}$ $\frac{11.9}{14}$ $\frac{6.4}{19.22}$ $\frac{6.6}{31}$ $\frac{6.6}{50}$ ✓

$\frac{18.0}{50}$ $\frac{17.2}{35}$ $\frac{15.7}{27}$ $\frac{13.1}{21}$ $\frac{11.2}{11}$ $\frac{11.2}{10.9}$ $\frac{11.8}{13}$ $\frac{12.2}{17}$ $\frac{10.9}{27}$ $\frac{10.1}{32}$ $\frac{10.1}{50}$ ✓

$\frac{8.1}{50}$ $\frac{7.1}{37}$ $\frac{5.5}{30}$ $\frac{3.6}{19.16}$ $\frac{1.9}{12}$ $\frac{1.8}{1.6}$ $\frac{3.1}{13}$ $\frac{2.6}{18.22}$ $\frac{2.7}{24}$ $\frac{2.7}{40}$ $\frac{2.9}{50}$ ✓

$\frac{5.8}{50}$ $\frac{4.6}{30}$ $\frac{3.6}{28}$ $\frac{3.5}{22}$ $\frac{4.8}{20.17}$ $\frac{2.9}{12.2}$ $\frac{2.7}{1.4}$ $\frac{4.2}{13}$ $\frac{1.4}{18.22}$ $\frac{0.0}{26}$ $\frac{0.8}{34}$ $\frac{0.8}{50}$ ✓

3 rd	+	π	-	Elem
		884.48 ✓		
30 + 53			3.4	81.1 .
32 + 56			3.4	81.1 .
31			4.2	80.3 .
+ 27			4.6	79.9 .
+ 46			4.9	79.6 .
32 + 27			5.7	78.8 .
+ 50			6.6	77.9 .
+ 63			6.8	77.7 .
+ 78			7.1	77.4 .
+ 83			7.2	77.3 .
B.M.	1.61	879.20 ✓	6.91	877.57 (877.59) ✓
33			2.2	77.0 .
+ 18			2.4	76.8 .

$\frac{5.6}{50}$ $\frac{4.8}{37}$ $\frac{3.7}{28}$ $\frac{3.6}{24}$ $\frac{5.5}{20-16}$ $\frac{3.8}{10}$ $\frac{3.6}{13}$ $\frac{4.5}{16-22}$ $\frac{3.8+1.6}{26}$ $\frac{+1.8}{33.4}$ $\frac{50}{50}$ ✓

$\frac{5.6}{50}$ $\frac{4.8}{37}$ $\frac{3.7}{28}$ $\frac{3.6}{24}$ $\frac{5.5}{20-16}$ $\frac{3.8}{10}$ $\frac{3.4}{13}$ $\frac{3.7}{17-21}$ $\frac{4.6}{33}$ $\frac{2.7}{50}$ $\frac{0.8}{50}$ ✓

$\frac{6.3}{50}$ $\frac{4.9}{33}$ $\frac{3.9}{29}$ $\frac{3.8}{25}$ $\frac{6.3}{21-17}$ $\frac{4.7}{12}$ $\frac{4.2}{11}$ $\frac{5.2}{14-18}$ $\frac{3.4}{29}$ $\frac{1.6}{50}$ ✓

$\frac{6.2}{50}$ $\frac{4.6}{31}$ $\frac{3.6}{29}$ $\frac{3.6}{26}$ $\frac{6.8}{20-17}$ $\frac{5.1}{11}$ $\frac{4.8}{12}$ $\frac{5.2}{17}$ $\frac{4.7}{24}$ $\frac{3.0}{38}$ $\frac{2.0}{50}$ ✓

$\frac{6.8}{50}$ $\frac{5.1}{34}$ $\frac{3.7}{30}$ $\frac{3.5}{27}$ $\frac{7.1}{22-18}$ $\frac{5.6}{12}$ $\frac{5.1}{49}$ $\frac{5.6}{15}$ $\frac{5.5}{21}$ $\frac{4.6}{28}$ $\frac{+3.4}{37}$ $\frac{+3.5}{50}$ ✓

$\frac{5.6}{50}$ $\frac{4.0}{35}$ $\frac{2.8}{29}$ $\frac{7.8}{22-17}$ $\frac{6.2}{12}$ $\frac{6.1}{11}$ $\frac{6.8}{15-19}$ $\frac{4.7}{25}$ $\frac{1.6}{33}$ $\frac{+1.0}{36}$ $\frac{+0.5}{41}$ $\frac{+0.3}{50}$ ✓

$\frac{6.1}{50}$ $\frac{4.6}{31}$ $\frac{8.8}{24-19}$ $\frac{6.8}{12}$ $\frac{7.0}{12}$ $\frac{7.8}{16-19}$ $\frac{6.5}{25}$ $\frac{2.9}{30}$ $\frac{4.4}{50}$ ✓

$\frac{6.8}{50}$ $\frac{5.8}{30}$ $\frac{9.1}{23-19}$ $\frac{7.3}{14}$ $\frac{7.2}{12}$ $\frac{8.2}{17-20}$ $\frac{6.5}{25}$ $\frac{4.3}{33}$ $\frac{7.2}{50}$ ✓

$\frac{8.2}{50}$ $\frac{6.6}{29}$ $\frac{9.5}{25-20}$ $\frac{7.7}{13}$ $\frac{7.1}{7.1}$ $\frac{7.4}{15}$ $\frac{9.5}{19}$ $\frac{9.6}{37}$ $\frac{7.5}{50}$ ✓

$\frac{9.0}{50}$ $\frac{7.8}{39}$ $\frac{7.0}{29}$ $\frac{9.3}{23-18}$ $\frac{7.8}{14}$ $\frac{7.5}{10}$ $\frac{7.4}{10}$ $\frac{7.9}{17}$ $\frac{7.7}{31}$ $\frac{7.5}{50}$ ✓

Spike in T.P. 28' L.A. 32 + 3-9

$\frac{4.7}{50}$ $\frac{3.7}{40}$ $\frac{3.0}{27}$ $\frac{4.1}{23-19}$ $\frac{2.4}{16}$ $\frac{2.4}{10}$ $\frac{2.4}{2.2}$ $\frac{2.3}{10}$ $\frac{2.4}{30}$ $\frac{2.4}{50}$ ✓

$\frac{6.6}{50}$ $\frac{4.7}{29}$ $\frac{5.0}{20}$ $\frac{2.8}{13}$ $\frac{2.4}{2.4}$ $\frac{2.8}{13}$ $\frac{2.9}{25}$ $\frac{4.4}{50}$ ✓

Sta.		π		Elev.
		879.20	✓	
33 + 23			2.4	76.8
+ 50			2.9	76.3
34 + 22			4.1	75.1
+ 28	Sec. thru	36' Conc.	4.2	75.0
+ 35			4.3	74.9
+ 50			4.4	74.8
+ 74			4.8	74.4
35			4.6	74.6
+ 50			4.9	74.3
36			5.1	74.1
+ 50			5.6	73.6
37			5.9	73.3

$$\begin{array}{cccccccccccc} \frac{7.0}{50} & \frac{5.5}{31} & \frac{5.1}{20} & \frac{2.8}{11} & & \frac{2.8}{11} & \frac{2.8}{16} & \frac{5.1}{21} & \frac{4.4}{23} & \frac{4.4}{25} & \frac{4.4}{50} & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{9.2}{50} & \frac{8.6}{32} & \frac{6.7}{21} & \frac{3.2}{12} & & \frac{3.2}{13} & \frac{5.6}{20} & \frac{5.2}{22} & \frac{6.3}{27} & \frac{6.7}{37} & \frac{6.7}{50} & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{12.2}{50} & \frac{11.3}{46} & \frac{11.0}{25} & \frac{4.3}{12} & & \frac{4.0}{12} & \frac{8.9}{23} & \frac{9.9}{36} & \frac{10.0}{50} & & & \checkmark \\ & & & & & & & & & & & 64.10 \end{array}$$

$$\begin{array}{cccccccccccc} \frac{15.0}{50} & \frac{14.6}{25} & \frac{14.92}{25} & \frac{10.8}{23} & \frac{5.0}{11} & & \frac{4.2}{12} & \frac{10.7}{23} & \frac{15.10}{25} & \frac{14.9}{25} & \frac{15.1}{50} & \checkmark \\ & & & & & & & & & & & FL. \end{array}$$

$$\begin{array}{cccccccccccc} \frac{11.1}{50} & \frac{11.0}{42} & \frac{10.0}{23} & \frac{5.0}{12} & & \frac{4.3}{12} & \frac{9.0}{23} & \frac{10.7}{50} & & & & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{12.3}{50} & \frac{12.1}{36} & \frac{10.3}{26} & \frac{5.3}{13} & & \frac{4.2}{12} & \frac{7.2}{19} & \frac{8.7}{26} & \frac{9.7}{50} & & & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{10.6}{50} & \frac{9.9}{28} & \frac{8.6}{22} & \frac{5.9}{16} & & \frac{4.3}{11} & \frac{7.1}{19} & \frac{8.8}{32} & \frac{9.4}{50} & & & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{9.7}{50} & \frac{9.2}{37} & \frac{7.4}{23} & \frac{6.0}{12} & & \frac{4.4}{12} & \frac{6.3}{20} & \frac{6.9}{30} & \frac{8.3}{50} & & & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{7.8}{50} & \frac{6.1}{30} & & \frac{8.2}{25} & \frac{6.7}{19} & & \frac{4.5}{7} & \frac{4.9}{16} & \frac{6.0}{31} & \frac{6.9}{50} & & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{7.3}{50} & \frac{5.6}{31} & \frac{8.8}{26} & \frac{7.1}{22} & & \frac{4.7}{11} & \frac{6.3}{16} & \frac{6.6}{30} & \frac{6.0}{50} & & & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{5.5}{50} & \frac{5.2}{42} & \frac{4.5}{34} & \frac{8.1}{29} & \frac{9.4}{26} & \frac{8.2}{23} & \frac{7.3}{18} & & \frac{5.0}{15} & \frac{6.2}{12} & \frac{6.2}{15} & \frac{4.1}{20} & \frac{4.3}{26} & \frac{6.6}{34} & \frac{6.1}{50} & \checkmark \end{array}$$

$$\begin{array}{cccccccccccc} \frac{4.5}{50} & \frac{3.5}{36} & \frac{8.2}{28} & \frac{8.8}{24} & \frac{8.1}{18} & \frac{7.6}{15} & & \frac{5.5}{14} & \frac{7.2}{18} & \frac{6.3}{22} & \frac{6.3}{27} & \frac{6.4}{42} & \frac{7.2}{50} & & & \checkmark \end{array}$$

Sta.	+	Σ	-	Elev.
		879.20 ✓		
37+50			6.3	72.9 .
38			6.8	72.4 .
T.P.	4.54	876.97 ✓	6.77	872.43 ✓
+16			4.7	72.3 .
+50			5.0	72.0 .
39			5.1	71.9 .
+50			5.5	71.5 .
40			5.4	71.6 .
+35			5.3	71.7 .
+50			5.2	71.8 .
41			5.2	71.8 .
+50			5.5	71.5 .
187	Sec thru 24" Conc.	5.17		71.3 .
T.P.	1002	883.07 ✓	3.92	873.05 ✓

$\frac{6.1}{50} \frac{5.8}{32} \frac{9.3}{25} \frac{9.0}{20} \frac{8.2}{16} \frac{6.3}{12} \sqrt{\frac{5.8}{12} \frac{7.4}{18} \frac{7.9}{21} \frac{7.1}{25} \frac{9.4}{42} \frac{9.4}{50}}$ ✓

$\frac{7.9}{50} \frac{9.1}{29} \frac{9.8}{20} \frac{8.1}{15} \frac{6.8}{13} \sqrt{\frac{6.2}{13} \frac{8.8}{21} \frac{9.4}{26} \frac{10.7}{33} \frac{11.1}{50}}$ ✓

$\frac{6.4}{50} \frac{7.2}{24} \frac{7.7}{20} \frac{5.9}{15} \frac{4.7}{13} \sqrt{\frac{4.1}{13} \frac{6.4}{19} \frac{8.9}{31} \frac{9.2}{50}}$ ✓

$\frac{6.9}{50} \frac{6.7}{34} \frac{7.1}{18} \frac{6.2}{15} \frac{5.6}{12} \sqrt{\frac{4.6}{13} \frac{7.4}{19} \frac{8.0}{27} \frac{8.9}{31} \frac{9.0}{50}}$ ✓

$\frac{8.1}{50} \frac{8.6}{30} \frac{8.4}{19} \frac{5.3}{12} \sqrt{\frac{5.4}{14} \frac{7.0}{18} \frac{7.5}{24} \frac{8.8}{30} \frac{8.3}{43} \frac{8.2}{50}}$ ✓

$\frac{8.6}{50} \frac{8.8}{40} \frac{8.6}{18} \frac{5.9}{13} \sqrt{\frac{6.1}{15} \frac{8.0}{19} \frac{7.4}{22} \frac{8.2}{23} \frac{7.2}{30} \frac{7.2}{50}}$ ✓

$\frac{8.8}{50} \frac{8.7}{30} \frac{8.8}{19} \frac{5.7}{14} \sqrt{\frac{6.1}{12} \frac{6.5}{16} \frac{7.7}{19} \frac{7.0}{22} \frac{6.2}{25} \frac{5.2}{41} \frac{5.2}{50}}$ ✓

$\frac{8.5}{50} \frac{8.5}{40} \frac{8.8}{20} \frac{5.1}{13} \sqrt{\frac{6.2}{17} \frac{7.6}{20} \frac{8.0}{25} \frac{6.6}{28} \frac{5.2}{50}}$ ✓

$\frac{8.5}{50} \frac{8.7}{34} \frac{8.9}{20} \frac{5.1}{12} \sqrt{\frac{6.2}{17} \frac{8.0}{19} \frac{8.2}{25} \frac{6.2}{29} \frac{5.3}{50}}$ ✓

$\frac{8.7}{50} \frac{8.8}{39} \frac{8.9}{27} \frac{7.4}{23} \frac{6.0}{17} \frac{4.8}{13} \sqrt{\frac{6.4}{17} \frac{8.2}{21} \frac{8.5}{26} \frac{6.6}{29} \frac{6.0}{50}}$ ✓

$\frac{9.3}{50} \frac{8.4}{41} \frac{7.3}{38} \frac{7.1}{25} \frac{7.3}{17} \frac{5.0}{10} \sqrt{\frac{6.8}{16} \frac{8.6}{20} \frac{7.7}{24} \frac{6.5}{26} \frac{6.5}{50}}$ ✓

$\frac{6.9}{50} \frac{6.8}{39} \frac{8.3}{35} \frac{9.2}{32} \frac{11.48}{17} \frac{9.2}{17} \frac{5.4}{12} \sqrt{\frac{6.9}{17} \frac{10.26}{20} \frac{8.8}{20} \frac{7.4}{25} \frac{7.1}{29} \frac{6.7}{37} \frac{6.7}{50}}$ ✓

Sta.	+	π	-	Elev.
		883.07 ✓		
42			11.7	71.4 .
+50			10.5	72.6 .
43			8.8	74.3 .
+50			7.5	75.6 .
44			6.4	76.7 .
+50			5.5	77.6 .
+77			5.3	77.8 .
45			4.6	78.5 .
+30			3.8	79.3 .
+50			3.4	79.7 .
46			2.2	80.9 .
T.P.	11.94	892.22 ✓	2.79	880.28 ✓
+50			10.2	82.0 .

✓
 $\frac{12.9}{50}$ $\frac{13.5}{38}$ $\frac{14.3}{26}$ $\frac{15.4}{23-19}$ $\frac{13.8}{15}$ $\frac{11.7}{12}$ $\frac{12.6}{17}$ $\frac{15.0}{22-24}$ $\frac{13.0}{27}$ $\frac{13.2}{42}$ $\frac{12.5}{50}$ ✓

✓
 $\frac{13.1}{50}$ $\frac{13.8}{38}$ $\frac{13.9}{21}$ $\frac{10.2}{13}$ $\frac{11.7}{10.5}$ $\frac{13.8}{17}$ $\frac{12.8}{22-25}$ $\frac{12.7}{28}$ $\frac{12.3}{38}$ $\frac{12.3}{50}$ ✓

✓
 $\frac{10.1}{50}$ $\frac{9.8}{46}$ $\frac{11.4}{43}$ $\frac{11.1}{38}$ $\frac{10.9}{28}$ $\frac{10.0}{25}$ $\frac{9.7}{16}$ $\frac{8.3}{13}$ $\frac{8.8}{8.8}$ $\frac{10.2}{15}$ $\frac{11.3}{21}$ $\frac{11.8}{36}$ $\frac{11.5}{50}$ ✓

✓
 $\frac{8.9}{50}$ $\frac{8.5}{36}$ $\frac{8.0}{24}$ $\frac{9.4}{23-20}$ $\frac{7.8}{17}$ $\frac{6.9}{14}$ $\frac{7.5}{7.5}$ $\frac{9.0}{19}$ $\frac{10.8}{21-25}$ $\frac{9.7}{27}$ $\frac{10.8}{50}$ ✓

✓
 $\frac{8.5}{50}$ $\frac{8.1}{29}$ $\frac{9.1}{28-25}$ $\frac{7.4}{23}$ $\frac{6.1}{12}$ $\frac{6.4}{6.4}$ $\frac{7.7}{17}$ $\frac{8.3}{20}$ $\frac{9.6}{22-27}$ $\frac{9.0}{30}$ $\frac{9.8}{50}$ ✓

✓
 $\frac{6.2}{50}$ $\frac{7.3}{29}$ $\frac{8.3}{24-20}$ $\frac{5.5}{13}$ $\frac{5.5}{5.5}$ $\frac{6.4}{16}$ $\frac{8.7}{21-25}$ $\frac{5.7}{30}$ $\frac{6.8}{50}$ ✓

✓
 $\frac{6.1}{50}$ $\frac{6.3}{24}$ $\frac{8.1}{21-17}$ $\frac{5.1}{13}$ $\frac{5.3}{5.3}$ $\frac{5.6}{14}$ $\frac{7.6}{17-21}$ $\frac{3.5}{30}$ $\frac{3.2}{40}$ $\frac{4.2}{50}$ ✓

✓
 $\frac{6.0}{50}$ $\frac{5.7}{24}$ $\frac{7.1}{22-19}$ $\frac{4.3}{13}$ $\frac{4.6}{4.6}$ $\frac{4.9}{13}$ $\frac{7.0}{16-21}$ $\frac{3.4}{29}$ $\frac{4.2}{39}$ $\frac{5.0}{50}$ ✓

✓
 $\frac{3.9}{50}$ $\frac{3.2}{26}$ $\frac{6.3}{22-18}$ $\frac{3.9}{15}$ $\frac{3.8}{3.8}$ $\frac{4.2}{13}$ $\frac{6.0}{17-19}$ $\frac{5.1}{20-22}$ $\frac{6.4}{24-26}$ $\frac{5.4}{29}$ $\frac{6.0}{41}$ $\frac{6.4}{50}$ ✓

✓
 $\frac{4.1}{50}$ $\frac{4.0}{34}$ $\frac{3.1}{31}$ $\frac{3.0}{26-19}$ $\frac{5.7}{23}$ $\frac{3.5}{15}$ $\frac{3.4}{3.4}$ $\frac{3.9}{14}$ $\frac{5.1}{17}$ $\frac{5.5}{23}$ $\frac{7.0}{30}$ $\frac{7.7}{50}$ ✓

Fill
 $\frac{7.1}{50}$ $\frac{6.9}{44}$ $\frac{5.6}{37}$ $\frac{2.9}{30-28}$ $\frac{4.6}{23}$ $\frac{4.5}{18}$ $\frac{2.6}{15}$ $\frac{2.2}{2.2}$ $\frac{2.7}{13}$ $\frac{4.3}{17}$ $\frac{4.9}{21}$ $\frac{6.6}{26}$ $\frac{8.3}{50}$ ✓

G. P. L. Fill
 $\frac{10.6}{50}$ $\frac{11.7}{32}$ $\frac{10.2}{29-27}$ $\frac{12.5}{24-19}$ $\frac{10.6}{16}$ $\frac{10.2}{10.2}$ $\frac{10.8}{14}$ $\frac{12.2}{17}$ $\frac{13.0}{21}$ $\frac{15.8}{28}$ $\frac{16.8}{40}$ $\frac{17.5}{50}$ ✓

Sta	+	Σ	-	Elev.
		892.22 [✓]		
47			9.1	83.1
V +50			7.7	84.5
V +84			7.0	85.2
48			6.6	85.6
+40			5.5	86.7
+79			4.7	87.5
49 + 07			4.3	87.9
B.M.	8.21		8.21	884.01 (884.02)
+50			3.6	88.6
+80			3.2	89.0
50			2.9	89.3
+50			2.1	90.1
T.P.	7.61	897.98 [✓]	1.85	890.37 [✓]
51			7.0	91.0

$\frac{8.3}{50}$ $\frac{8.0}{44}$ $\frac{8.0}{26}$ $\frac{11.0}{22-18}$ $\frac{9.6}{14}$ $\frac{9.8}{9.1}$ $\frac{11.0}{14}$ $\frac{11.8}{17}$ $\frac{14.0}{21}$ $\frac{15.5}{28}$ $\frac{16.0}{36}$ $\frac{16.0}{50}$ ✓

$\frac{5.4}{50}$ $\frac{5.9}{27}$ $\frac{10.0}{21}$ $\frac{9.4}{16}$ $\frac{8.1}{12}$ $\frac{8.2}{7.7}$ $\frac{9.6}{14}$ $\frac{9.9}{16}$ $\frac{9.3}{21}$ $\frac{10.6}{23}$ $\frac{10.9}{36}$ $\frac{10.9}{50}$ ✓

$\frac{3.1}{50}$ $\frac{2.7}{28}$ $\frac{9.0}{20}$ $\frac{8.6}{16}$ $\frac{7.2}{12}$ $\frac{7.0}{7.0}$ $\frac{11.3}{14}$ $\frac{9.0}{18}$ $\frac{8.1}{21}$ $\frac{8.0}{26}$ $\frac{7.1}{31}$ $\frac{8.0}{40}$ $\frac{8.6}{50}$ ✓

$\frac{1.7}{50}$ $\frac{1.8}{36}$ $\frac{2.3}{28}$ $\frac{8.6}{20-16}$ $\frac{6.7}{11}$ $\frac{6.6}{6.6}$ $\frac{6.9}{14}$ $\frac{8.6}{18}$ $\frac{8.8}{27}$ $\frac{5.2}{33}$ $\frac{6.6}{45}$ $\frac{6.3}{50}$ ✓

$\frac{0.3}{50}$ $\frac{2.2}{29}$ $\frac{8.1}{20-18}$ $\frac{5.5}{13}$ $\frac{5.8}{55}$ $\frac{7.7}{14}$ $\frac{8.0}{18}$ $\frac{3.1}{27}$ $\frac{2.0}{34}$ $\frac{2.0}{50}$ ✓

$\frac{3.0}{50}$ $\frac{1.5}{40}$ $\frac{1.1}{33}$ $\frac{7.6}{26}$ $\frac{7.2}{17}$ $\frac{4.9}{11}$ $\frac{4.7}{4.7}$ $\frac{5.0}{14}$ $\frac{7.1}{20}$ $\frac{7.0}{30}$ $\frac{1.2}{35}$ $\frac{0.4}{40}$ $\frac{0.3}{50}$ ✓

$\frac{3.6}{50}$ $\frac{2.5}{33}$ $\frac{7.5}{26}$ $\frac{7.1}{19}$ $\frac{6.5}{16}$ $\frac{4.5}{11}$ $\frac{4.5}{4.3}$ $\frac{6.6}{12}$ $\frac{6.5}{17}$ $\frac{0.4}{25}$ $\frac{10.2}{35}$ $\frac{10.2}{50}$ ✓

Spike in P.P. 24' RT Sta 47 + 51

$\frac{3.4}{50}$ $\frac{3.0}{34}$ $\frac{7.2}{28}$ $\frac{7.2}{19}$ $\frac{4.0}{12}$ $\frac{3.6}{3.6}$ $\frac{3.9}{12}$ $\frac{6.3}{18}$ $\frac{6.5}{26}$ $\frac{2.4}{33}$ $\frac{2.4}{50}$ ✓

$\frac{2.0}{50}$ $\frac{1.8}{34}$ $\frac{6.5}{28}$ $\frac{6.2}{18}$ $\frac{3.5}{12}$ $\frac{3.2}{3.2}$ $\frac{3.4}{12}$ $\frac{5.7}{18}$ $\frac{5.8}{27}$ $\frac{2.9}{33}$ $\frac{2.4}{50}$ ✓

$\frac{1.2}{50}$ $\frac{1.9}{32}$ $\frac{5.5}{27}$ $\frac{5.6}{21}$ $\frac{3.1}{14}$ $\frac{2.9}{2.9}$ $\frac{3.2}{13}$ $\frac{5.5}{17}$ $\frac{5.6}{26}$ $\frac{2.5}{32}$ $\frac{2.1}{50}$ ✓

$\frac{1.8}{50}$ $\frac{1.7}{27}$ $\frac{4.7}{24-18}$ $\frac{2.6}{12}$ $\frac{2.1}{2.1}$ $\frac{2.3}{2.3}$ $\frac{3.4}{16}$ $\frac{3.2}{23}$ $\frac{0.6}{27}$ $\frac{10.4}{50}$ ✓

$\frac{8.5}{50}$ $\frac{8.5}{34}$ $\frac{8.0}{29}$ $\frac{8.6}{25}$ $\frac{10.0}{22-21}$ $\frac{9.3}{20}$ $\frac{8.9}{16}$ $\frac{7.2}{12}$ $\frac{7.0}{7.0}$ $\frac{7.6}{14}$ $\frac{8.7}{18-22}$ $\frac{5.2}{28}$ $\frac{4.1}{45}$ $\frac{2.1}{50}$ ✓

Stn.	+	π	-	Elev.
		892.98 [✓]		
51+50			6.5	91.5 .
52			6.2	91.8 .
+50			5.7	92.3 .
+68			5.5	92.5 .
53			5.4	92.6 .
+50			5.0	93.0 .
54			4.7	93.3 .
+50			4.6	93.4 .
55			4.8	93.2 .
+50			4.7	93.3 .
56			4.7	93.3 .
+50			4.7	93.3 .

$$\begin{array}{cccccccccccc} 10.0 & 9.8 & 8.5 & 9.0 & 6.7 & 6.8 & 7.6 & 6.8 & 5.7 & 4.7 & 1.3 \\ 50 & 35 & 23 & 19 & 14 & 6.5 & 16 & 19 & 20 & 21 & 24 & 43 & 50 \end{array}$$

$$\begin{array}{cccccccc} 9.8 & 9.3 & 8.9 & 8.3 & 6.6 & 6.5 & 7.7 & 5.6 & 4.6 \\ 50 & 42 & 27 & 20 & 15 & 6.2 & 14 & 17 & 21 & 26 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 8.9 & 9.1 & 8.0 & 7.7 & 8.0 & 6.1 & 6.3 & 7.0 & 6.8 & 10.7 & +1.5 \\ 50 & 36 & 34 & 23 & 20 & 15 & 5.7 & 15 & 17 & 22 & 34 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 8.8 & 8.6 & 7.5 & 6.0 & 7.5 & 5.8 & 5.9 & 6.9 & +1.5 & +2.5 \\ 50 & 37 & 34 & 24 & 22 & 19 & 14 & 5.5 & 14 & 16 & 19 & 34 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 8.3 & 7.7 & 6.0 & 5.8 & 7.2 & 5.6 & 5.6 & 6.9 & 6.3 & +1.8 & +2.3 \\ 50 & 37 & 30 & 24 & 22 & 19 & 14 & 5.4 & 14 & 17 & 22 & 35 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 9.0 & 8.9 & 8.1 & 7.2 & 5.7 & 5.4 & 7.0 & 6.1 & 0.4 & +1.5 \\ 50 & 35 & 30 & 19 & 15 & 5.0 & 13 & 18 & 25 & 34 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 9.7 & 9.5 & 8.9 & 7.0 & 5.3 & 5.1 & 6.2 & 6.6 & 5.3 & 5.1 & 4.2 & 4.3 \\ 50 & 39 & 33 & 28 & 22 & 18 & 14 & 4.7 & 12 & 16 & 20 & 25 & 35 & 41 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 9.2 & 9.5 & 8.4 & 6.9 & 6.7 & 5.2 & 5.1 & 6.1 & 8.1 & 8.3 & 8.3 \\ 50 & 34 & 32 & 29 & 25 & 18 & 14 & 4.6 & 12 & 21 & 28 & 40 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 7.3 & 7.8 & 7.1 & 6.6 & 5.3 & 5.3 & 7.4 & 7.6 & 7.8 \\ 50 & 33 & 27 & 22 & 19 & 14 & 4.8 & 14 & 20 & 29 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 5.1 & 5.2 & 4.7 & 7.2 & 5.1 & 5.1 & 7.4 & 6.5 & 7.0 \\ 50 & 29 & 25 & 21 & 18 & 13 & 4.7 & 13 & 17 & 21 & 24 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 2.8 & 2.4 & 3.0 & 7.0 & 6.4 & 5.0 & 5.0 & 7.2 & 4.2 & 5.2 \\ 50 & 39 & 29 & 22 & 17 & 13 & 4.7 & 13 & 17 & 21 & 26 & 50 \end{array}$$

$$\begin{array}{cccccccccccc} 1.8 & 0.9 & 7.0 & 5.1 & 5.0 & 7.0 & 1.3 & 2.3 \\ 50 & 31 & 22 & 19 & 14 & 4.7 & 13 & 19 & 21 & 31 & 50 \end{array}$$

Sta.	+	⌒	-	Elev.
		897.98 ✓		
57			4.7	93.3 .
T.P	4.60	897.70 ✓	4.88	893.10 ✓
+ 50			4.5	93.2
+ 79			4.6	93.1 .
58 + 20			4.7	93.0 .
+ 73			4.6	93.1 .
59 + 03	Sec. thru 24" Conc.		4.6	93.1 .
+ 17			4.6	93.1 .
✓ + 60			4.7	93.0 .
60			4.8	92.9 .
+ 50			5.0	92.7 .
61			5.1	92.6 .
+ 50			5.1	92.6 .

$$\begin{array}{cccccccccccc} \frac{2.2}{50} & \frac{1.8}{39} & \frac{0.3}{37} & \frac{0.7}{31} & \frac{7.1}{22} & \frac{6.3}{17} & \frac{5.0}{13} & \frac{5.2}{14} & \frac{6.6}{17-23} & \frac{0.8}{35} & \frac{0.9}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{3.2}{50} & \frac{2.8}{40} & \frac{1.5}{36} & \frac{1.3}{31} & \frac{6.8}{22-18} & \frac{4.8}{13} & \frac{6.1}{4.5} & \frac{6.4}{12} & \frac{5.8}{16} & \frac{2.0}{24} & \frac{1.2}{31} & \frac{1.2}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{3.9}{50} & \frac{3.5}{36} & \frac{2.7}{34} & \frac{2.5}{29} & \frac{6.7}{23-17} & \frac{5.0}{12} & \frac{5.2}{12} & \frac{6.7}{17} & \frac{6.0}{22} & \frac{3.3}{28} & \frac{3.5}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{6.1}{50} & \frac{6.7}{30} & \frac{7.0}{22} & \frac{6.4}{18} & \frac{4.9}{13} & \frac{4.7}{4.7} & \frac{5.0}{12} & \frac{6.3}{18} & \frac{6.9}{32} & \frac{7.0}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{5.3}{50} & \frac{5.4}{33} & \frac{7.9}{28} & \frac{6.7}{19} & \frac{4.9}{13} & \frac{4.6}{4.6} & \frac{5.0}{13} & \frac{6.9}{19} & \frac{7.0}{32} & \frac{6.2}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{4.7}{50} & \frac{4.9}{34} & \frac{7.1}{28} & \frac{8.73}{18} & \frac{8.2}{18} & \frac{4.8}{13} & \frac{4.8}{13} & \frac{8.3}{18} & \frac{8.86}{18} & \frac{7.7}{27} & \frac{6.9}{36} & \frac{7.2}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{4.7}{50} & \frac{5.0}{32} & \frac{6.3}{28} & \frac{6.2}{21} & \frac{4.9}{16} & \frac{4.6}{4.6} & \frac{4.9}{12} & \frac{5.4}{15} & \frac{8.5}{23} & \frac{8.2}{30} & \frac{7.6}{36} & \frac{8.4}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{3.5}{50} & \frac{4.5}{31} & \frac{6.6}{22-19} & \frac{5.0}{13} & \frac{4.7}{4.7} & \frac{4.9}{13} & \frac{7.4}{18} & \frac{9.7}{25} & \frac{12.2}{42} & \frac{12.9}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{2.7}{50} & \frac{3.8}{28} & \frac{6.9}{23} & \frac{6.5}{16} & \frac{4.9}{11} & \frac{4.8}{4.8} & \frac{4.8}{14} & \frac{7.3}{17} & \frac{8.1}{21} & \frac{10.1}{25} & \frac{15.1}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{2.7}{50} & \frac{3.0}{39} & \frac{2.3}{29} & \frac{7.1}{21-17} & \frac{5.2}{12} & \frac{5.0}{5.0} & \frac{5.2}{13} & \frac{8.0}{20} & \frac{10.7}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{1.9}{50} & \frac{1.6}{29} & \frac{7.0}{21-18} & \frac{5.3}{12} & \frac{5.1}{5.1} & \frac{5.3}{12} & \frac{7.5}{28} & \frac{9.3}{50} \end{array}$$

$$\begin{array}{cccccccccccc} \frac{1.4}{50} & \frac{1.6}{30} & \frac{6.9}{22-18} & \frac{5.5}{13} & \frac{5.1}{5.1} & \frac{5.4}{12} & \frac{6.9}{17} & \frac{7.2}{22} & \frac{7.6}{50} \end{array}$$

Sta.	+	K	-	Elev.
		897.70 ✓		
62			5.2	92.5 .
+50			5.1	92.6 .
63			5.0	92.7 .
B.M.	6.19	898.59 ✓	5.27	892.43 . (892.40) ✓
+50			5.8	92.8 .
64			5.9	92.7 .
+50			6.0	92.6 .
65			5.9	92.7 .
+50	Sec. thru 20" Conc.		5.8	92.8 .
T.P.	7.67	904.28 ✓	1.98	896.61 ✓
66			11.1	93.2 .
+24			11.0	93.3 .
+50			10.7	93.6 .
67			10.2	94.1 .

$$\begin{array}{r} 1.2 \\ 50 \end{array} \quad \begin{array}{r} 2.2 \\ 30 \end{array} \quad \begin{array}{r} 6.8 \\ 23 \end{array} \quad \begin{array}{r} 5.5 \\ 19 \end{array} \quad \begin{array}{r} 5.5 \\ 12 \end{array} \quad \begin{array}{r} 7.5 \\ 17-20 \end{array} \quad \begin{array}{r} 6.7 \\ 21 \end{array} \quad \begin{array}{r} 6.5 \\ 25 \end{array} \quad \begin{array}{r} 8.5 \\ 50 \end{array}$$

$$\begin{array}{r} 2.0 \\ 50 \end{array} \quad \begin{array}{r} 2.6 \\ 31 \end{array} \quad \begin{array}{r} 7.3 \\ 22-19 \end{array} \quad \begin{array}{r} 5.1 \\ 13 \end{array} \quad \begin{array}{r} 5.5 \\ 11 \end{array} \quad \begin{array}{r} 6.6 \\ 15-18 \end{array} \quad \begin{array}{r} 5.8 \\ 20 \end{array} \quad \begin{array}{r} 8.0 \\ 50 \end{array}$$

$$\begin{array}{r} 1.1 \\ 50 \end{array} \quad \begin{array}{r} 2.7 \\ 30 \end{array} \quad \begin{array}{r} 6.3 \\ 25-21 \end{array} \quad \begin{array}{r} 4.7 \\ 15 \end{array} \quad \begin{array}{r} 5.2 \\ 12 \end{array} \quad \begin{array}{r} 7.1 \\ 18-21 \end{array} \quad \begin{array}{r} 6.8 \\ 23 \end{array} \quad \begin{array}{r} 7.6 \\ 30 \end{array} \quad \begin{array}{r} 9.4 \\ 50 \end{array}$$

Spike PR 24' RT. 63+47 ✓

$$\begin{array}{r} 1.3 \\ 50 \end{array} \quad \begin{array}{r} 5.9 \\ 26 \end{array} \quad \begin{array}{r} 7.8 \\ 21-18 \end{array} \quad \begin{array}{r} 6.1 \\ 14 \end{array} \quad \begin{array}{r} 5.8 \\ 12 \end{array} \quad \begin{array}{r} 8.0 \\ 16 \end{array} \quad \begin{array}{r} 8.4 \\ 23 \end{array} \quad \begin{array}{r} 9.7 \\ 31 \end{array} \quad \begin{array}{r} 11.4 \\ 50 \end{array}$$

$$\begin{array}{r} 3.2 \\ 50 \end{array} \quad \begin{array}{r} 4.7 \\ 28 \end{array} \quad \begin{array}{r} 7.5 \\ 22-18 \end{array} \quad \begin{array}{r} 6.2 \\ 14 \end{array} \quad \begin{array}{r} 5.9 \\ 12 \end{array} \quad \begin{array}{r} 6.0 \\ 22 \end{array} \quad \begin{array}{r} 9.8 \\ 28 \end{array} \quad \begin{array}{r} 10.8 \\ 28 \end{array} \quad \begin{array}{r} 13.2 \\ 50 \end{array}$$

$$\begin{array}{r} 3.9 \\ 50 \end{array} \quad \begin{array}{r} 3.9 \\ 42 \end{array} \quad \begin{array}{r} 5.5 \\ 32 \end{array} \quad \begin{array}{r} 8.0 \\ 21-17 \end{array} \quad \begin{array}{r} 6.4 \\ 14 \end{array} \quad \begin{array}{r} 6.0 \\ 13 \end{array} \quad \begin{array}{r} 5.8 \\ 25 \end{array} \quad \begin{array}{r} 11.1 \\ 25 \end{array} \quad \begin{array}{r} 12.4 \\ 36 \end{array} \quad \begin{array}{r} 14.0 \\ 50 \end{array}$$

$$\begin{array}{r} 4.1 \\ 50 \end{array} \quad \begin{array}{r} 4.0 \\ 43 \end{array} \quad \begin{array}{r} 6.1 \\ 30 \end{array} \quad \begin{array}{r} 8.6 \\ 25-19 \end{array} \quad \begin{array}{r} 6.6 \\ 14 \end{array} \quad \begin{array}{r} 5.6 \\ 14 \end{array} \quad \begin{array}{r} 13.7 \\ 31 \end{array} \quad \begin{array}{r} 15.3 \\ 50 \end{array}$$

F.L. 87.69 ✓

$$\begin{array}{r} 3.8 \\ 50 \end{array} \quad \begin{array}{r} 3.8 \\ 45 \end{array} \quad \begin{array}{r} 6.9 \\ 29 \end{array} \quad \begin{array}{r} 10.6 \\ 24 \end{array} \quad \begin{array}{r} 10.90 \\ 21 \end{array} \quad \begin{array}{r} 10.6 \\ 22 \end{array} \quad \begin{array}{r} 6.9 \\ 15 \end{array} \quad \begin{array}{r} 5.8 \\ 13 \end{array} \quad \begin{array}{r} 5.1 \\ 29 \end{array} \quad \begin{array}{r} 11.7 \\ 29 \end{array} \quad \begin{array}{r} 14.9 \\ 34 \end{array} \quad \begin{array}{r} 14.33 \\ 34 \end{array} \quad \begin{array}{r} 14.6 \\ 42 \end{array} \quad \begin{array}{r} 15.6 \\ 50 \end{array}$$

Bolt Back End 6R Dist RT. ✓

$$\begin{array}{r} 9.9 \\ 50 \end{array} \quad \begin{array}{r} 13.1 \\ 26 \end{array} \quad \begin{array}{r} 14.6 \\ 25-21 \end{array} \quad \begin{array}{r} 12.6 \\ 17 \end{array} \quad \begin{array}{r} 10.8 \\ 12 \end{array} \quad \begin{array}{r} 17.0 \\ 28 \end{array} \quad \begin{array}{r} 19.3 \\ 36 \end{array} \quad \begin{array}{r} 19.2 \\ 50 \end{array}$$

$$\begin{array}{r} 9.4 \\ 50 \end{array} \quad \begin{array}{r} 10.2 \\ 44 \end{array} \quad \begin{array}{r} 11.9 \\ 40 \end{array} \quad \begin{array}{r} 13.4 \\ 27 \end{array} \quad \begin{array}{r} 14.4 \\ 25-22 \end{array} \quad \begin{array}{r} 12.4 \\ 19 \end{array} \quad \begin{array}{r} 10.6 \\ 12 \end{array} \quad \begin{array}{r} 12.2 \\ 22 \end{array} \quad \begin{array}{r} 15.4 \\ 34 \end{array} \quad \begin{array}{r} 17.1 \\ 38 \end{array} \quad \begin{array}{r} 17.0 \\ 50 \end{array}$$

$$\begin{array}{r} 9.7 \\ 50 \end{array} \quad \begin{array}{r} 10.8 \\ 43 \end{array} \quad \begin{array}{r} 12.1 \\ 38 \end{array} \quad \begin{array}{r} 12.8 \\ 31 \end{array} \quad \begin{array}{r} 14.0 \\ 27-23 \end{array} \quad \begin{array}{r} 12.2 \\ 16 \end{array} \quad \begin{array}{r} 10.3 \\ 10.7 \end{array} \quad \begin{array}{r} 11.1 \\ 13 \end{array} \quad \begin{array}{r} 11.8 \\ 32 \end{array} \quad \begin{array}{r} 13.1 \\ 39 \end{array} \quad \begin{array}{r} 13.7 \\ 50 \end{array}$$

$$\begin{array}{r} 10.4 \\ 50 \end{array} \quad \begin{array}{r} 11.1 \\ 41 \end{array} \quad \begin{array}{r} 13.0 \\ 36 \end{array} \quad \begin{array}{r} 12.4 \\ 26 \end{array} \quad \begin{array}{r} 13.3 \\ 24-22 \end{array} \quad \begin{array}{r} 11.7 \\ 16 \end{array} \quad \begin{array}{r} 9.6 \\ 10.2 \end{array} \quad \begin{array}{r} 11.3 \\ 13 \end{array} \quad \begin{array}{r} 11.5 \\ 30 \end{array} \quad \begin{array}{r} 11.0 \\ 36 \end{array} \quad \begin{array}{r} 10.7 \\ 50 \end{array}$$

Sta.	+	π	-	Elev
		904.28 ✓		94.4
67+24			9.9	84.4
+50			9.5	94.8 84.8
68			8.5	95.8 85.8
+27			8.2	96.1 86.1
+50			8.2	96.1 86.1
69			7.5	96.8 86.8
+50			6.6	97.7 87.7
70			5.8	98.5 88.5
+50			5.0	99.3 89.3
71			4.2	100.1 90.1
T.P.	6.38	909.17 ✓	1.49	902.79 ✓
+25			8.8	00.4
+50			8.4	00.8

$$\begin{array}{r} 10.7 \\ 50 \end{array} \quad \begin{array}{r} 13.0 \\ 45.41 \end{array} \quad \begin{array}{r} 11.8 \\ 37 \end{array} \quad \begin{array}{r} 11.7 \\ 30 \end{array} \quad \begin{array}{r} 13.2 \\ 26.22 \end{array} \quad \begin{array}{r} 11.4 \\ 17 \end{array} \quad \begin{array}{r} 9.9 \\ 9.9 \end{array} \quad \begin{array}{r} 9.5 \\ 13 \end{array} \quad \begin{array}{r} 11.9 \\ 21 \end{array} \quad \begin{array}{r} 12.2 \\ 42 \end{array} \quad \begin{array}{r} 10.7 \\ 50 \end{array}$$

$$\begin{array}{r} 11.2 \\ 50 \end{array} \quad \begin{array}{r} 11.2 \\ 47 \end{array} \quad \begin{array}{r} 12.6 \\ 41.38 \end{array} \quad \begin{array}{r} 10.5 \\ 29 \end{array} \quad \begin{array}{r} 12.0 \\ 26.22 \end{array} \quad \begin{array}{r} 11.0 \\ 17 \end{array} \quad \begin{array}{r} 9.5 \\ 15 \end{array} \quad \begin{array}{r} 11.2 \\ 20.24 \end{array} \quad \begin{array}{r} 6.1 \\ 37 \end{array} \quad \begin{array}{r} 5.5 \\ 50 \end{array}$$

$$\begin{array}{r} 13.0 \\ 50 \end{array} \quad \begin{array}{r} 10.5 \\ 28 \end{array} \quad \begin{array}{r} 11.9 \\ 24.20 \end{array} \quad \begin{array}{r} 10.0 \\ 16 \end{array} \quad \begin{array}{r} 8.5 \\ 8.5 \end{array} \quad \begin{array}{r} 8.4 \\ 15 \end{array} \quad \begin{array}{r} 11.0 \\ 20.24 \end{array} \quad \begin{array}{r} 5.0 \\ 36 \end{array} \quad \begin{array}{r} 5.2 \\ 50 \end{array}$$

$$\begin{array}{r} 12.5 \\ 50 \end{array} \quad \begin{array}{r} 10.7 \\ 25 \end{array} \quad \begin{array}{r} 11.3 \\ 21.23 \end{array} \quad \begin{array}{r} 9.6 \\ 15 \end{array} \quad \begin{array}{r} 7.5 \\ 8.2 \end{array} \quad \begin{array}{r} 10.3 \\ 14 \end{array} \quad \begin{array}{r} 8.5 \\ 20.24 \end{array} \quad \begin{array}{r} 8.5 \\ 32 \end{array} \quad \begin{array}{r} 7.6 \\ 40 \end{array} \quad \begin{array}{r} 7.6 \\ 50 \end{array}$$

$$\begin{array}{r} 12.6 \\ 50 \end{array} \quad \begin{array}{r} 11.9 \\ 28 \end{array} \quad \begin{array}{r} 10.4 \\ 18 \end{array} \quad \begin{array}{r} 9.4 \\ 14 \end{array} \quad \begin{array}{r} 8.2 \\ 8.2 \end{array} \quad \begin{array}{r} 7.3 \\ 15 \end{array} \quad \begin{array}{r} 10.0 \\ 20.24 \end{array} \quad \begin{array}{r} 8.3 \\ 28 \end{array} \quad \begin{array}{r} 7.4 \\ 37 \end{array} \quad \begin{array}{r} 7.4 \\ 50 \end{array}$$

$$\begin{array}{r} 12.7 \\ 50 \end{array} \quad \begin{array}{r} 12.0 \\ 23 \end{array} \quad \begin{array}{r} 8.9 \\ 15 \end{array} \quad \begin{array}{r} 7.5 \\ 7.5 \end{array} \quad \begin{array}{r} 6.8 \\ 13 \end{array} \quad \begin{array}{r} 8.9 \\ 19.22 \end{array} \quad \begin{array}{r} 7.8 \\ 27 \end{array} \quad \begin{array}{r} 8.3 \\ 35 \end{array} \quad \begin{array}{r} 9.7 \\ 38 \end{array} \quad \begin{array}{r} 9.0 \\ 43 \end{array} \quad \begin{array}{r} 8.6 \\ 50 \end{array}$$

$$\begin{array}{r} 11.8 \\ 50 \end{array} \quad \begin{array}{r} 11.8 \\ 34 \end{array} \quad \begin{array}{r} 11.0 \\ 23 \end{array} \quad \begin{array}{r} 7.6 \\ 15 \end{array} \quad \begin{array}{r} 6.6 \\ 6.6 \end{array} \quad \begin{array}{r} 6.4 \\ 14 \end{array} \quad \begin{array}{r} 9.6 \\ 23 \end{array} \quad \begin{array}{r} 11.7 \\ 29 \end{array} \quad \begin{array}{r} 12.5 \\ 50 \end{array}$$

$$\begin{array}{r} 9.2 \\ 50 \end{array} \quad \begin{array}{r} 10.3 \\ 25 \end{array} \quad \begin{array}{r} 6.3 \\ 13 \end{array} \quad \begin{array}{r} 6.3 \\ 5.8 \end{array} \quad \begin{array}{r} 9.4 \\ 14 \end{array} \quad \begin{array}{r} 10.9 \\ 19 \end{array} \quad \begin{array}{r} 11.9 \\ 22 \end{array} \quad \begin{array}{r} 12.8 \\ 30 \end{array} \quad \begin{array}{r} 12.8 \\ 50 \end{array}$$

$$\begin{array}{r} 2.7 \\ 50 \end{array} \quad \begin{array}{r} 7.5 \\ 23 \end{array} \quad \begin{array}{r} 2.6 \\ 20 \end{array} \quad \begin{array}{r} 5.3 \\ 12 \end{array} \quad \begin{array}{r} 5.0 \\ 5.0 \end{array} \quad \begin{array}{r} 5.5 \\ 14 \end{array} \quad \begin{array}{r} 10.3 \\ 23 \end{array} \quad \begin{array}{r} 11.3 \\ 38 \end{array} \quad \begin{array}{r} 11.6 \\ 50 \end{array}$$

$$\begin{array}{r} +3.5 \\ 50 \end{array} \quad \begin{array}{r} +3.5 \\ 44 \end{array} \quad \begin{array}{r} 5.0 \\ 34 \end{array} \quad \begin{array}{r} 6.9 \\ 26 \end{array} \quad \begin{array}{r} 7.1 \\ 21 \end{array} \quad \begin{array}{r} 4.4 \\ 73 \end{array} \quad \begin{array}{r} 4.2 \\ 4.2 \end{array} \quad \begin{array}{r} 5.1 \\ 13 \end{array} \quad \begin{array}{r} 7.1 \\ 18.20 \end{array} \quad \begin{array}{r} 6.8 \\ 23 \end{array} \quad \begin{array}{r} 7.3 \\ 41 \end{array} \quad \begin{array}{r} 8.0 \\ 50 \end{array}$$

Top End G. R. Lt

$$\begin{array}{r} 0.7 \\ 50 \end{array} \quad \begin{array}{r} 8.6 \\ 36 \end{array} \quad \begin{array}{r} 10.6 \\ 29 \end{array} \quad \begin{array}{r} 11.5 \\ 28.25 \end{array} \quad \begin{array}{r} 11.2 \\ 21 \end{array} \quad \begin{array}{r} 8.6 \\ 13 \end{array} \quad \begin{array}{r} 8.8 \\ 8.8 \end{array} \quad \begin{array}{r} 9.6 \\ 19.24 \end{array} \quad \begin{array}{r} 11.5 \\ 26 \end{array} \quad \begin{array}{r} 10.1 \\ 26 \end{array} \quad \begin{array}{r} 10.7 \\ 35 \end{array} \quad \begin{array}{r} 12.1 \\ 50 \end{array}$$

$$\begin{array}{r} 0.7 \\ 50 \end{array} \quad \begin{array}{r} 4.6 \\ 42 \end{array} \quad \begin{array}{r} 8.0 \\ 36 \end{array} \quad \begin{array}{r} 10.2 \\ 30 \end{array} \quad \begin{array}{r} 10.4 \\ 21 \end{array} \quad \begin{array}{r} 8.1 \\ 13 \end{array} \quad \begin{array}{r} 8.4 \\ 8.4 \end{array} \quad \begin{array}{r} 9.7 \\ 16 \end{array} \quad \begin{array}{r} 11.3 \\ 20.23 \end{array} \quad \begin{array}{r} 10.4 \\ 26 \end{array} \quad \begin{array}{r} 10.3 \\ 50 \end{array}$$

Sta.	+	π	-	Elev.
		909.17 ✓		
71+91			7.7	01.5
72			7.6	01.6
+50			7.1	02.1
73			6.4	02.8
+50			5.5	03.7
74			5.0	04.2
+50			4.8	04.4
+91			4.9	04.3
T.P.	4.14	908.25 ✓	5.06	904.11 ✓
75+50			4.1	04.2
76			4.7	03.6
+50			5.9	02.4
77			6.8	01.5

$$\begin{array}{r} 6.3 \\ 50 \end{array} \quad \begin{array}{r} 8.2 \\ 38 \end{array} \quad \begin{array}{r} 9.4 \\ 33 \end{array} \quad \begin{array}{r} 9.1 \\ 30 \end{array} \quad \begin{array}{r} 8.7 \\ 25 \end{array} \quad \begin{array}{r} 7.0 \\ 19 \end{array} \quad 7.7 \quad \begin{array}{r} 9.6 \\ 18 \end{array} \quad \begin{array}{r} 10.9 \\ 22-26 \end{array} \quad \begin{array}{r} 10.2 \\ 29 \end{array} \quad \begin{array}{r} 8.7 \\ 50 \end{array}$$

$$\begin{array}{r} 8.8 \\ 50 \end{array} \quad \begin{array}{r} 8.9 \\ 40 \end{array} \quad \begin{array}{r} 9.2 \\ 36 \end{array} \quad \begin{array}{r} 8.5 \\ 33 \end{array} \quad \begin{array}{r} 8.0 \\ 28 \end{array} \quad \begin{array}{r} 7.2 \\ 23 \end{array} \quad 7.6 \quad \begin{array}{r} 9.5 \\ 18 \end{array} \quad \begin{array}{r} 10.7 \\ 22-26 \end{array} \quad \begin{array}{r} 7.8 \\ 29 \end{array} \quad \begin{array}{r} 9.0 \\ 35 \end{array} \quad \begin{array}{r} 8.7 \\ 50 \end{array}$$

$$\begin{array}{r} 7.9 \\ 50 \end{array} \quad \begin{array}{r} 8.4 \\ 31 \end{array} \quad \begin{array}{r} 10.0 \\ 28 \end{array} \quad \begin{array}{r} 9.7 \\ 22 \end{array} \quad \begin{array}{r} 6.5 \\ 12 \end{array} \quad 7.1 \quad \begin{array}{r} 8.8 \\ 19 \end{array} \quad \begin{array}{r} 10.1 \\ 23-25 \end{array} \quad \begin{array}{r} 6.9 \\ 34 \end{array} \quad \begin{array}{r} 6.4 \\ 50 \end{array}$$

$$\begin{array}{r} 7.5 \\ 50 \end{array} \quad \begin{array}{r} 9.3 \\ 47 \end{array} \quad \begin{array}{r} 11.4 \\ 28 \end{array} \quad \begin{array}{r} 10.0 \\ 22 \end{array} \quad \begin{array}{r} 5.8 \\ 12 \end{array} \quad 6.4 \quad \begin{array}{r} 8.4 \\ 19 \end{array} \quad \begin{array}{r} 9.1 \\ 23-25 \end{array} \quad \begin{array}{r} 5.3 \\ 34 \end{array} \quad \begin{array}{r} 4.4 \\ 50 \end{array}$$

$$\begin{array}{r} 6.8 \\ 50 \end{array} \quad \begin{array}{r} 7.3 \\ 36 \end{array} \quad \begin{array}{r} 9.3 \\ 29 \end{array} \quad \begin{array}{r} 9.3 \\ 23 \end{array} \quad \begin{array}{r} 5.3 \\ 13 \end{array} \quad 5.5 \quad \begin{array}{r} 7.3 \\ 18 \end{array} \quad \begin{array}{r} 8.0 \\ 25 \end{array} \quad \begin{array}{r} 4.1 \\ 34 \end{array} \quad \begin{array}{r} 3.5 \\ 50 \end{array}$$

$$\begin{array}{r} 6.2 \\ 50 \end{array} \quad \begin{array}{r} 6.9 \\ 44 \end{array} \quad \begin{array}{r} 7.0 \\ 38 \end{array} \quad \begin{array}{r} 5.4 \\ 30 \end{array} \quad \begin{array}{r} 4.6 \\ 16 \end{array} \quad 5.0 \quad \begin{array}{r} 6.3 \\ 17 \end{array} \quad \begin{array}{r} 7.2 \\ 22-27 \end{array} \quad \begin{array}{r} 3.9 \\ 36 \end{array} \quad \begin{array}{r} 3.6 \\ 50 \end{array}$$

$$\begin{array}{r} 6.4 \\ 50 \end{array} \quad \begin{array}{r} 7.0 \\ 38 \end{array} \quad \begin{array}{r} 5.6 \\ 34 \end{array} \quad \begin{array}{r} 4.9 \\ 25 \end{array} \quad \begin{array}{r} 5.7 \\ 21-19 \end{array} \quad \begin{array}{r} 4.2 \\ 13 \end{array} \quad 4.8 \quad \begin{array}{r} 6.2 \\ 16 \end{array} \quad \begin{array}{r} 7.5 \\ 21-24 \end{array} \quad \begin{array}{r} 6.6 \\ 26 \end{array} \quad \begin{array}{r} 2.9 \\ 35 \end{array} \quad \begin{array}{r} 2.4 \\ 50 \end{array}$$

$$\begin{array}{r} 5.0 \\ 50 \end{array} \quad \begin{array}{r} 4.2 \\ 25 \end{array} \quad \begin{array}{r} 6.3 \\ 18-15 \end{array} \quad \begin{array}{r} 4.6 \\ 13 \end{array} \quad 4.9 \quad \begin{array}{r} 6.1 \\ 19 \end{array} \quad \begin{array}{r} 7.4 \\ 21-25 \end{array} \quad \begin{array}{r} 6.7 \\ 27 \end{array} \quad \begin{array}{r} 1.4 \\ 37 \end{array} \quad \begin{array}{r} 0.9 \\ 50 \end{array}$$

$$\begin{array}{r} 3.0 \\ 50 \end{array} \quad \begin{array}{r} 1.9 \\ 28 \end{array} \quad \begin{array}{r} 6.4 \\ 21-16 \end{array} \quad \begin{array}{r} 4.2 \\ 13 \end{array} \quad 4.1 \quad \begin{array}{r} 4.6 \\ 17 \end{array} \quad \begin{array}{r} 6.5 \\ 20-24 \end{array} \quad \begin{array}{r} 0.9 \\ 33 \end{array} \quad \begin{array}{r} 0.8 \\ 50 \end{array}$$

$$\begin{array}{r} 1.0 \\ 50 \end{array} \quad \begin{array}{r} 0.3 \\ 32 \end{array} \quad \begin{array}{r} 7.2 \\ 20-17 \end{array} \quad \begin{array}{r} 5.2 \\ 14 \end{array} \quad 4.7 \quad \begin{array}{r} 5.3 \\ 17 \end{array} \quad \begin{array}{r} 7.0 \\ 20-24 \end{array} \quad \begin{array}{r} 3.2 \\ 32 \end{array} \quad \begin{array}{r} 2.9 \\ 50 \end{array}$$

$$\begin{array}{r} 0.2 \\ 50 \end{array} \quad \begin{array}{r} 0.0 \\ 33 \end{array} \quad \begin{array}{r} 8.3 \\ 22-17 \end{array} \quad \begin{array}{r} 6.3 \\ 14 \end{array} \quad 5.9 \quad \begin{array}{r} 6.2 \\ 15 \end{array} \quad \begin{array}{r} 7.7 \\ 18-22 \end{array} \quad \begin{array}{r} 3.0 \\ 30 \end{array} \quad \begin{array}{r} 3.4 \\ 50 \end{array}$$

$$\begin{array}{r} 3.2 \\ 50 \end{array} \quad \begin{array}{r} 3.2 \\ 31 \end{array} \quad \begin{array}{r} 9.0 \\ 21-16 \end{array} \quad \begin{array}{r} 7.3 \\ 13 \end{array} \quad 6.8 \quad \begin{array}{r} 7.3 \\ 15 \end{array} \quad \begin{array}{r} 9.0 \\ 18-22 \end{array} \quad \begin{array}{r} 4.5 \\ 31 \end{array} \quad \begin{array}{r} 5.8 \\ 50 \end{array}$$

Sta.	+	✕	-	Elev.
		908.25 ✓		
77+50			7.7	00.6
78			8.7	99.6
+50			9.8	98.5
79			10.9	97.4
+50			12.2	96.1
80			13.3	95.0
T.P.	3.62	900.03 ✓	11.84	896.41 ✓
B.M.	0.54	897.48 ✓	3.10	896.93 (896.94) ✓
+50			3.6	93.9
81			4.7	92.8
+50			5.8	91.7
82			7.0	90.5
+50			8.0	89.5
83+07	Sec thru 24" Conc 9.2			88.3

✓
 $\frac{7.1}{50} \quad \frac{6.4}{38} \quad \frac{6.1}{29} \quad \frac{10.3}{22-17} \quad \frac{8.3}{14} \quad 7.7 \quad \frac{8.1}{14} \quad \frac{9.5}{18-21} \quad \frac{7.5}{26} \quad \frac{8.5}{33} \quad \frac{8.3}{50}$

✓
 $\frac{9.8}{50} \quad \frac{9.2}{34} \quad \frac{7.7}{29} \quad \frac{11.3}{22-18} \quad \frac{9.1}{13} \quad 8.7 \quad \frac{9.1}{14} \quad \frac{10.9}{17-22} \quad \frac{6.9}{30} \quad \frac{7.6}{50}$

✓
 $\frac{12.6}{50} \quad \frac{11.2}{35} \quad \frac{8.7}{28} \quad \frac{12.1}{22-18} \quad \frac{10.0}{14} \quad 9.8 \quad \frac{10.0}{14} \quad \frac{11.9}{18-22} \quad \frac{7.9}{29} \quad \frac{8.1}{50}$

✓
 $\frac{12.0}{50} \quad \frac{11.1}{38} \quad \frac{8.7}{30} \quad \frac{12.9}{23-18} \quad \frac{11.2}{14} \quad 10.9 \quad \frac{11.1}{14} \quad \frac{12.9}{17-22} \quad \frac{9.7}{28} \quad \frac{9.7}{50}$

✓
 $\frac{9.7}{50} \quad \frac{8.5}{31} \quad \frac{13.8}{22-18} \quad \frac{12.3}{14} \quad 12.2 \quad \frac{12.6}{14} \quad \frac{13.7}{18-22} \quad \frac{9.6}{28} \quad \frac{11.2}{50}$

✓
 $\frac{10.2}{50} \quad \frac{9.7}{30} \quad \frac{14.7}{22-18} \quad \frac{13.4}{14} \quad 13.3 \quad \frac{13.7}{15} \quad \frac{14.6}{18-23} \quad \frac{11.2}{30} \quad \frac{12.0}{50}$

Spike in T.P. 29' Lt 80+28 ✓

✓
 $\frac{2.1}{50} \quad \frac{2.0}{30} \quad \frac{5.2}{23-18} \quad \frac{3.7}{14} \quad 3.6 \quad \frac{3.8}{14} \quad \frac{5.1}{18-22} \quad \frac{2.1}{29} \quad \frac{3.0}{50}$

✓
 $\frac{4.0}{50} \quad \frac{4.5}{33} \quad \frac{7.1}{27} \quad \frac{6.6}{19} \quad \frac{5.1}{15} \quad 4.7 \quad \frac{5.1}{14} \quad \frac{7.3}{19-24} \quad \frac{4.0}{31} \quad \frac{4.4}{50}$

✓
 $\frac{7.9}{50} \quad \frac{7.0}{30} \quad \frac{8.5}{26-18} \quad \frac{6.0}{14} \quad 5.8 \quad \frac{6.4}{16} \quad \frac{8.7}{20-25} \quad \frac{6.1}{31} \quad \frac{6.8}{50}$

✓
 $\frac{11.2}{50} \quad \frac{9.4}{26} \quad \frac{9.1}{23-19} \quad \frac{7.4}{15} \quad 7.0 \quad \frac{7.2}{15} \quad \frac{10.3}{22-25} \quad \frac{9.5}{27} \quad \frac{9.7}{50}$

✓
 $\frac{15.2}{50} \quad \frac{14.2}{36} \quad \frac{11.7}{27} \quad \frac{10.6}{20} \quad \frac{8.5}{17.0} \quad \frac{8.1}{14} \quad \frac{11.7}{22} \quad \frac{13.2}{50}$

✓
 $\frac{15.8}{50} \quad \frac{F.L.}{(16.0)} \quad \frac{15.5}{29} \quad \frac{10.0}{16} \quad 9.2 \quad \frac{9.2}{14} \quad \frac{15.4}{34} \quad \frac{F.L.}{(16.12)} \quad \frac{15.6}{50}$

Sta.	+	π	-	Elev.
		897.48 [✓]		
83 +50			9.6	87.9
84			10.1	87.4
T.P.	2.14	889.60 [✓]	10.02	887.46 [✓]
+35			3.0	86.6
+50			3.3	86.3
+75			3.9	85.7
85			4.4	85.2
+50			5.0	84.6
+74	Eric Creek Rd.		5.4	84.2
+94			5.8	83.8
86			5.9	83.7
+20	Sec. thru 24" Cond.		6.2	83.4
+50			6.8	82.8

$$\frac{15.1}{50} \quad \frac{15.0}{33-32} \quad \frac{11.3}{23} \quad \frac{10.4}{10} \quad \frac{9.6}{9.6} \quad \frac{16.1}{15} \quad \frac{17.2}{32} \quad \frac{17.2}{50}$$

$$\frac{14.6}{50} \quad \frac{130}{45} \quad \frac{12.4}{36} \quad \frac{10.7}{21} \quad \frac{10.6}{15} \quad \frac{14.1}{25} \quad \frac{15.3}{30}$$

$$\frac{4.3}{50} \quad \frac{3.4}{32} \quad \frac{5.4}{25-21} \quad \frac{3.3}{15} \quad \frac{3.5}{3.0} \quad \frac{5.1}{14} \quad \frac{4.6}{20-24} \quad \frac{6.0}{27} \quad \frac{6.0}{50}$$

$$\frac{3.9}{50} \quad \frac{3.7}{43} \quad \frac{6.0}{38} \quad \frac{5.7}{21} \quad \frac{3.6}{16} \quad \frac{3.3}{3.3} \quad \frac{4.0}{16} \quad \frac{5.6}{21-24} \quad \frac{4.0}{27} \quad \frac{5.6}{50}$$

$$\frac{5.8}{50} \quad \frac{5.7}{28} \quad \frac{6.4}{25-22} \quad \frac{4.1}{17} \quad \frac{4.3}{3.9} \quad \frac{5.8}{15} \quad \frac{4.2}{20-24} \quad \frac{5.6}{28} \quad \frac{7.2}{44} \quad \frac{7.2}{50}$$

$$\frac{4.2}{50} \quad \frac{3.8}{31} \quad \frac{6.2}{25-20} \quad \frac{4.7}{16} \quad \frac{4.4}{4.4} \quad \frac{4.6}{14} \quad \frac{6.2}{20-23} \quad \frac{5.5}{26} \quad \frac{7.8}{50}$$

$$\frac{5.5}{50} \quad \frac{6.2}{46-44} \quad \frac{5.5}{36} \quad \frac{5.2}{25} \quad \frac{5.0}{5.0} \quad \frac{5.4}{14} \quad \frac{6.7}{19} \quad \frac{8.0}{36} \quad \frac{9.0}{50}$$

$$\frac{4.3}{100} \quad \frac{5.1}{50} \quad \frac{5.4}{18} \quad \frac{5.4}{5.4} \quad \frac{5.9}{12} \quad \frac{6.8}{20} \quad \frac{8.3}{40} \quad \frac{9.0}{50}$$

$$\frac{8.1}{50} \quad \frac{8.5}{42} \quad \frac{6.9}{39} \quad \frac{5.8}{14} \quad \frac{5.8}{5.8} \quad \frac{6.0}{14} \quad \frac{7.8}{20} \quad \frac{9.4}{39} \quad \frac{10.6}{50}$$

$$\frac{4.9}{50} \quad \frac{6.7}{43} \quad \frac{9.1}{35} \quad \frac{6.8}{29} \quad \frac{5.9}{5.9} \quad \frac{6.0}{14} \quad \frac{7.5}{20} \quad \frac{9.4}{39} \quad \frac{10.6}{50}$$

$$\frac{4.2}{50} \quad \frac{5.2}{39} \quad \frac{9.3}{24} \quad \text{F.L.} \quad \frac{10.22}{20} \quad \frac{9.6}{20} \quad \frac{7.0}{16} \quad \frac{6.2}{6.2} \quad \frac{7.0}{15} \quad \frac{7.5}{23} \quad \frac{10.0}{26} \quad \text{F.L.} \quad \frac{10.48}{26} \quad \frac{10.3}{43} \quad \frac{11.5}{50}$$

$$\frac{4.3}{50} \quad \frac{5.0}{29} \quad \frac{8.1}{21-18} \quad \frac{7.2}{14} \quad \frac{6.8}{6.8} \quad \frac{7.3}{16} \quad \frac{10.2}{33} \quad \frac{12.4}{50}$$

Sta.	+	π	-	Elev.
		889.60 ✓		
87			7.6	82.0 -
T.P.	2.01	882.77 ✓	8.84	880.76 ✓.
77+39.33+89.33			1.6	81.2 -
88+50			2.5	80.3 ✓
89			3.5	79.3 ✓
+50			4.2	78.6 ✓
T.P.	3.15	880.13 ✓	5.79	876.98 ✓.
90.			2.9	77.2 ✓
+50			3.7	76.4 ✓
91			4.9	75.2 ✓
P.T. +17			5.2	74.9 ✓
+50			5.8	74.3 ✓
92			6.3	73.8 ✓
+50			6.7	73.4 ✓
T.P.	5.25	878.74 ✓	6.64	873.19 ✓.

✓
 $\frac{5.0}{50}$ $\frac{5.8}{33}$ $\frac{9.5}{25-20}$ $\frac{8.1}{15}$ $\frac{7.6}{16}$ $\frac{8.2}{15}$ $\frac{9.1}{18-20}$ $\frac{8.8}{23}$ $\frac{10.9}{35}$ $\frac{14.1}{50}$

✓
 $\frac{1.1}{50}$ $\frac{1.5}{31}$ $\frac{3.6}{24-20}$ $\frac{2.0}{16}$ $\frac{1.6}{16}$ $\frac{2.1}{16}$ $\frac{3.1}{21-23}$ $\frac{2.6}{27}$ $\frac{4.2}{42}$ $\frac{5.9}{50}$

✓
 $\frac{3.6}{50}$ $\frac{2.9}{27}$ $\frac{4.6}{23-19}$ $\frac{2.7}{14}$ $\frac{2.5}{2.5}$ $\frac{3.0}{16}$ $\frac{4.5}{22-25}$ $\frac{2.4}{28}$ $\frac{4.0}{50}$

✓
 $\frac{5.4}{50}$ $\frac{3.8}{27}$ $\frac{5.0}{23-19}$ $\frac{3.5}{14}$ $\frac{3.5}{3.5}$ $\frac{3.8}{15}$ $\frac{5.5}{20-23}$ $\frac{2.5}{30}$ $\frac{2.7}{50}$

✓
 $\frac{4.9}{50}$ $\frac{3.3}{29}$ $\frac{6.3}{25-20}$ $\frac{4.4}{16}$ $\frac{4.2}{17}$ $\frac{4.9}{17}$ $\frac{6.3}{22-25}$ $\frac{3.2}{32}$ $\frac{3.3}{50}$

PP Rt. Slc. 90+75

✓
 $\frac{2.4}{50}$ $\frac{2.6}{31}$ $\frac{4.5}{27-22}$ $\frac{2.3}{18}$ $\frac{2.9}{2.9}$ $\frac{3.6}{17}$ $\frac{5.0}{21-26}$ $\frac{2.2}{31}$ $\frac{3.3}{50}$

✓
 $\frac{1.2}{50}$ $\frac{1.3}{33}$ $\frac{6.0}{25-20}$ $\frac{3.5}{16}$ $\frac{3.7}{3.7}$ $\frac{4.9}{21}$ $\frac{5.7}{23-27}$ $\frac{3.3}{32}$ $\frac{4.3}{50}$

✓
 $\frac{0.0}{50}$ $\frac{0.0}{32}$ $\frac{7.1}{23-19}$ $\frac{4.8}{16}$ $\frac{4.9}{4.9}$ $\frac{5.7}{17}$ $\frac{7.1}{20-24}$ $\frac{4.8}{28}$ $\frac{5.1}{39}$ $\frac{5.9}{50}$

✓
 $\frac{0.0}{50}$ $\frac{+0.5}{32}$ $\frac{7.1}{19-23}$ $\frac{5.2}{16}$ $\frac{5.2}{5.2}$ $\frac{6.1}{16}$ $\frac{7.5}{19-23}$ $\frac{5.9}{27}$ $\frac{5.9}{37}$ $\frac{6.7}{50}$

✓
 $\frac{0.9}{50}$ $\frac{1.1}{37}$ $\frac{8.0}{25-19}$ $\frac{6.2}{16}$ $\frac{5.8}{5.8}$ $\frac{6.4}{15}$ $\frac{7.3}{19-23}$ $\frac{7.5}{27}$ $\frac{8.2}{50}$

✓
 $\frac{4.3}{50}$ $\frac{5.2}{36}$ $\frac{8.5}{28}$ $\frac{8.8}{20}$ $\frac{6.8}{16}$ $\frac{6.3}{6.3}$ $\frac{7.0}{14}$ $\frac{9.2}{18-22}$ $\frac{8.4}{25}$ $\frac{9.0}{40}$ $\frac{10.0}{50}$

✓
 $\frac{6.3}{50}$ $\frac{6.8}{32}$ $\frac{10.0}{27}$ $\frac{9.6}{20}$ $\frac{7.1}{13}$ $\frac{6.7}{6.7}$ $\frac{7.1}{14}$ $\frac{12.6}{26}$ $\frac{11.9}{32}$ $\frac{11.4}{50}$

Top Wing E. End S. Wing

Sta.	+	π	-	Elev.
		878.76 ✓		
92+86			5.4	73.3
93			5.5	73.2
+12	Bag Bridge		5.6	73.1
+36	Rice Creek		5.6	73.1
+60	End Bridge		5.7	73.0
94 +70			5.6	73.1
94			5.3	73.4
+50			4.6	74.1
95			3.3	75.4
+50			1.6	77.1
B.M.	12.36	888.82 ✓	2.31	876.43
96 +45			9.3	79.5
+48 P.C.			7.0	81.8

876.46 ✓

5.6 6.2 10.4 ✓ 5.7 5.8 12.2 13.5 13.9
50 38 28-25 13 54 13 27 35 50

6.4 9.0 11.9 5.7 ✓ 5.8 12.9 13.4 13.9
50 39 30-28 13 55 13 25 30 34

15.4 5.15 2.15 5.17 5.17-5.65 ✓ 5.85 5.28 2.28 5.26 14.97
15.2 15.2-12.9 12.9-11.9 11.9 11.4 11.4 5.6 12 11.7-12.3 12.3-13.0 13.0-15.2 15.2

15.2 2.12 5.13 5.8 ✓ 5.8 5.19 2.14 15.4
13 12.8-12.2 12.2-11.4 11.4 5.6 11.65 11.65-12.3 12.3-13.00 13

13.6 5.32 2.35 5.38 6.0 ✓ 5.9 5.40 2.32 5.34 13.0
14.9 14.9-13.2 13.2-12.2 12.2-11.6 11.6 5.7 11.4 11.4-12.0 12.0-12.7 12.7-14.3 14.3

13.9 13.3 11.9 5.8 ✓ 5.8 11.3 12.7 13.0
50 34 26 14 5.6 14 23 43 50

12.2 11.5 5.6 ✓ 5.6 11.5 11.7 9.3 8.8
50 25 14 5.3 14 25 32 38 50

10.8 9.5 5.0 ✓ 4.9 9.4 7.8 6.3
50 23 14 4.6 14 22 26 31 50

8.7 7.6 3.9 ✓ 3.6 3.8 5.9 4.5 3.4
50 23 15 3.3 10 16 23-25 28 50

5.2 3.7 1.6 2.3 ✓ 1.8 1.6 3.0 3.3 2.0 0.9
50 20 15 10 1.6 10 17 21 25 28 50

N.E. Cor Top Rt. Hand Rail

12.2 11.5 9.5 9.9 9.6 ✓ 9.7 9.9 10.9 10.0 9.4 9.2
50 23 16 12 9 9.2 10 18 21-26 27 42 50

10.3 9.3 7.7 7.4 ✓ 7.4 7.3 7.7 7.6 6.8 6.1
50 22 15 8 7 10 10 14 20 25 28 50

Sta.		Σ	-	Elev.
		888.82 ✓		
97			4.6	84.2
+50			2.2	86.6
T.P.	10.04	897.53 ✓	1.33	887.49 ✓
+83 P.T.			9.6	87.9
98			9.0	88.5
+50			7.1	90.4
99			5.2	92.3
+18 P.C.			4.8	92.7
+25			4.5	93.0
+50			3.8	93.7
+75			3.5	94.0
100			3.3	94.2
+26 P.T.			3.4	94.1

$\frac{7.7}{50}$	$\frac{7.1}{38}$	$\frac{5.8}{19}$	$\frac{5.4}{15}$	$\frac{5.1}{9}$	$\frac{5.0}{9}$	$\frac{5.5}{25}$	$\frac{4.8}{28}$	$\frac{4.1}{5}$
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<u>3.7</u>	<u>3.4</u>	<u>3.8</u>	<u>3.5</u>	<u>2.9</u>	✓	<u>2.6</u>	<u>2.6</u>	<u>2.5</u>	<u>1.2</u>
50	25	23	14	9	2.2	10	14	23	50

<u>9.9</u>	<u>9.8</u>	<u>9.6</u>	<u>10.6</u>	<u>10.2</u>		<u>9.9</u>	<u>9.7</u>	<u>9.2</u>	<u>8.9</u>
50	38	26	12	8	9.6	10	20	36	50

<u>8.9</u>	<u>8.9</u>	<u>8.8</u>	<u>9.7</u>	<u>9.5</u>		<u>9.2</u>	<u>9.3</u>	<u>8.8</u>	<u>7.8</u>
50	37	25	13	8	90	7	13	29	50

6.5 6.3 6.6 6.8 7.7 7.7 6.9 6.1 5.8
50 34 22 14 10 71 12 14 22 50

$\frac{4.6}{50}$	$\frac{4.5}{33}$	$\frac{4.7}{22}$	$\frac{5.0}{13}$	$\frac{5.7}{11}$	5.2	$\frac{5.7}{13}$	$\frac{4.6}{22}$	$\frac{4.4}{50}$
------------------	------------------	------------------	------------------	------------------	-------	------------------	------------------	------------------

4.3 4.1 ~~4.3~~ ~~4.4~~ 5.1 5.3 4.3 4.3 4.8
50 32 21 13 11 4.8 13 20 50 77.8

$\frac{4.1}{50}$	$\frac{4.1}{29}$	$\frac{4.4}{12}$	$\frac{4.8}{11}$	$\frac{5.2}{45}$	$\frac{4.3}{12}$	$\frac{4.2}{19}$	$\frac{4.8}{50}$	$\frac{4.8}{77.0}$
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$\frac{3.6}{50}$	$\frac{3.9}{31}$	$\frac{4.2}{28}$	$\frac{3.9}{19}$	$\frac{3.7}{11}$	3.8	$\frac{4.9}{11}$	$\frac{3.6}{15}$	$\frac{3.7}{34}$	$\frac{4.1}{50}$	$\frac{4.8}{77.8}$
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3.7	<u>3.8</u>	<u>3.2</u>		<u>4.6</u>	<u>3.6</u>	<u>3.8</u>	<u>4.2</u>	<u>4.8</u>
5	29	14	3.5	10	12	26	50	77.8

4.2 3.9 3.4 4.2 3.5 4.1 4.2 4.8
50 27 10 3.3 12 15 34 50 77.8

$$\begin{array}{r} 48 \\ -50 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ 27 \\ \hline \end{array} \quad \begin{array}{r} 3.5 \\ 10 \\ \hline \end{array} \quad 3.4 \quad \begin{array}{r} 40 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 3.5 \\ 16 \\ \hline \end{array} \quad \begin{array}{r} 4.1 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 4.4 \\ 50 \\ \hline \end{array} \quad \begin{array}{r} 4.8 \\ 77.8 \\ \hline \end{array}$$

Sta.	+	π	-	Elev.
		897.53 ✓		
100 +50			3.4	94.1
101			3.5	94.0
+50			3.6	93.9
102			3.5	94.0
+50			3.4	94.1
103			3.7	93.8
+50			4.5	93.0
T.P.	2.99	896.23	4.29	893.24
104			4.7	91.5
+50			6.9	89.3
+78 P.C.			8.1	88.1
105			8.9	87.3
+25			9.7	86.5
B.M.	11.52	895.26	12.55	883.68 (883.74)

$$\begin{array}{r} 5.2 \\ 50 \end{array} \quad \begin{array}{r} 5.0 \\ 28 \end{array} \quad \begin{array}{r} 3.8 \\ 13 \end{array} \quad \begin{array}{r} 4.0 \\ 10 \end{array} \quad 3.4 \quad \begin{array}{r} 3.8 \\ 13 \end{array} \quad \begin{array}{r} 3.7 \\ 17 \end{array} \quad \begin{array}{r} 4.4 \\ 34 \end{array} \quad \begin{array}{r} 4.6 \\ 50 \end{array}$$

$$\begin{array}{r} 4.5 \\ 50 \end{array} \quad \begin{array}{r} 4.7 \\ 33 \end{array} \quad \begin{array}{r} 5.7 \\ 23 \end{array} \quad \begin{array}{r} 4.7 \\ 18 \end{array} \quad \begin{array}{r} 4.3 \\ 10 \end{array} \quad 3.5 \quad \begin{array}{r} 3.9 \\ 14 \end{array} \quad \begin{array}{r} 4.7 \\ 35 \end{array} \quad \begin{array}{r} 5.0 \\ 50 \end{array}$$

$$\begin{array}{r} 5.4 \\ 50 \end{array} \quad \begin{array}{r} 5.5 \\ 31 \end{array} \quad \begin{array}{r} 4.7 \\ 20 \end{array} \quad \begin{array}{r} 4.2 \\ 11 \end{array} \quad 3.6 \quad \begin{array}{r} 4.0 \\ 12 \end{array} \quad \begin{array}{r} 5.0 \\ 22 \end{array} \quad \begin{array}{r} 5.5 \\ 50 \end{array}$$

$$\begin{array}{r} 4.1 \\ 50 \end{array} \quad \begin{array}{r} 4.2 \\ 34 \end{array} \quad \begin{array}{r} 3.9 \\ 16 \end{array} \quad 3.5 \quad \begin{array}{r} 4.2 \\ 14 \end{array} \quad \begin{array}{r} 5.3 \\ 27 \end{array} \quad \begin{array}{r} 6.0 \\ 50 \end{array}$$

$$\begin{array}{r} 3.9 \\ 50 \end{array} \quad \begin{array}{r} 4.0 \\ 35 \end{array} \quad \begin{array}{r} 3.4 \\ 15 \end{array} \quad \begin{array}{r} 3.7 \\ 12 \end{array} \quad 3.4 \quad \begin{array}{r} 3.9 \\ 11 \end{array} \quad \begin{array}{r} 3.5 \\ 14 \end{array} \quad \begin{array}{r} 4.3 \\ 25 \end{array} \quad \begin{array}{r} 4.8 \\ 50 \end{array}$$

$$\begin{array}{r} 3.8 \\ 50 \end{array} \quad \begin{array}{r} 3.7 \\ 35 \end{array} \quad \begin{array}{r} 3.7 \\ 16 \end{array} \quad \begin{array}{r} 4.2 \\ 12 \end{array} \quad 3.7 \quad \begin{array}{r} 4.3 \\ 11 \end{array} \quad \begin{array}{r} 2.9 \\ 14 \end{array} \quad \begin{array}{r} 3.3 \\ 30 \end{array} \quad \begin{array}{r} 3.7 \\ 50 \end{array}$$

$$\begin{array}{r} 4.1 \\ 50 \end{array} \quad \begin{array}{r} 4.2 \\ 28 \end{array} \quad \begin{array}{r} 4.8 \\ 18 \end{array} \quad \begin{array}{r} 5.3 \\ 13 \end{array} \quad 4.5 \quad \begin{array}{r} 4.9 \\ 9 \end{array} \quad \begin{array}{r} 4.0 \\ 11 \end{array} \quad \begin{array}{r} 2.4 \\ 14 \end{array} \quad \begin{array}{r} 2.5 \\ 39 \end{array} \quad \begin{array}{r} 3.3 \\ 50 \end{array}$$

$$\begin{array}{r} 2.2 \\ 50 \end{array} \quad \begin{array}{r} 3.6 \\ 29 \end{array} \quad \begin{array}{r} 5.1 \\ 23 \end{array} \quad \begin{array}{r} 5.0 \\ 17 \end{array} \quad \begin{array}{r} 5.0 \\ 13 \end{array} \quad 4.7 \quad \begin{array}{r} 5.0 \\ 10 \end{array} \quad \begin{array}{r} 3.6 \\ 11 \end{array} \quad \begin{array}{r} 2.6 \\ 16 \end{array} \quad \begin{array}{r} 2.7 \\ 31 \end{array} \quad \begin{array}{r} 4.1 \\ 50 \end{array}$$

$$\begin{array}{r} 3.2 \\ 50 \end{array} \quad \begin{array}{r} 4.8 \\ 31 \end{array} \quad \begin{array}{r} 6.8 \\ 26 \end{array} \quad \begin{array}{r} 7.1 \\ 16 \end{array} \quad \begin{array}{r} 7.7 \\ 15 \end{array} \quad 6.9 \quad \begin{array}{r} 7.4 \\ 9 \end{array} \quad \begin{array}{r} 5.9 \\ 12 \end{array} \quad \begin{array}{r} 7.2 \\ 35 \end{array} \quad \begin{array}{r} 8.2 \\ 50 \end{array}$$

$$\begin{array}{r} 3.7 \\ 100 \end{array} \quad \begin{array}{r} 4.9 \\ 50 \end{array} \quad \begin{array}{r} 6.5 \\ 32 \end{array} \quad \begin{array}{r} 8.3 \\ 28 \end{array} \quad \begin{array}{r} 9.0 \\ 15 \end{array} \quad 8.1 \quad \begin{array}{r} 8.3 \\ 7 \end{array} \quad \begin{array}{r} 7.8 \\ 10 \end{array} \quad \begin{array}{r} 7.6 \\ 13 \end{array} \quad \begin{array}{r} 8.6 \\ 15 \end{array} \quad \begin{array}{r} 10.4 \\ 34 \end{array} \quad \begin{array}{r} 11.7 \\ 50 \end{array}$$

$$\begin{array}{r} 3.7 \\ 100 \end{array} \quad \begin{array}{r} 5.8 \\ 50 \end{array} \quad \begin{array}{r} 7.5 \\ 31 \end{array} \quad \begin{array}{r} 9.0 \\ 28 \end{array} \quad \begin{array}{r} 9.0 \\ 19 \end{array} \quad \begin{array}{r} 10.0 \\ 15 \end{array} \quad 8.9 \quad \begin{array}{r} 8.8 \\ 12 \end{array} \quad \begin{array}{r} 10.2 \\ 16 \end{array} \quad \begin{array}{r} 13.0 \\ 33 \end{array} \quad \begin{array}{r} 14.7 \\ 50 \end{array}$$

$$\begin{array}{r} 3.7 \\ 100 \end{array} \quad \begin{array}{r} 6.7 \\ 50 \end{array} \quad \begin{array}{r} 8.4 \\ 25 \end{array} \quad \begin{array}{r} 10.1 \\ 20 \end{array} \quad \begin{array}{r} 10.4 \\ 15 \end{array} \quad \begin{array}{r} 10.9 \\ 13 \end{array} \quad 9.7 \quad \begin{array}{r} 9.5 \\ 12 \end{array} \quad \begin{array}{r} 9.1 \\ 16 \end{array} \quad \begin{array}{r} 10.9 \\ 21 \end{array} \quad \begin{array}{r} 13.6 \\ 29 \end{array} \quad \begin{array}{r} 17.0 \\ 50 \end{array}$$

Top Mon. (P.I) s/a. 10.5 + 76.59

Sta.	+	π	-	Elev.
		895.26.		
105+50			9.2	86.1
+75	10" R.L. 12" Lf.		9.4	85.9
106			9.2	86.1
+25			8.7	86.6
+33	P.T.		8.6	86.7
107			6.9	88.4
+50			5.3	90.0
108			3.8	91.5
T.P.	8.65	702.24	1.67	893.59 ✓
+50			9.2	93.0 -
+77	Top Rail		8.68	93.56
+82	Top Rail		8.61	93.63
109			8.1	94.1
+50			6.8	95.4
110			5.6	96.6

E

$$\begin{array}{cccccccc} \underline{6.0} & \underline{7.6} & \underline{7.9} & \underline{9.7} & \underline{10.2} & & \underline{8.9} & \underline{9.3} & \underline{10.5} & \underline{12.7} \\ \underline{50} & \underline{31} & \underline{22} & \underline{16} & \underline{12} & \underline{9.2} & \underline{12} & \underline{19} & \underline{29} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} & & & \text{F.L.} & & & & & & & & \text{F.L.} \\ \underline{6.3} & \underline{7.7} & (\underline{11.34}) & \underline{7.9} & \underline{9.8} & \underline{10.2} & & \underline{9.3} & \underline{10.7} & \underline{12.9} & \underline{16.2} & (\underline{12.64}) \\ \underline{50} & \underline{31} & (\underline{12}) & \underline{20} & \underline{14} & \underline{10} & \underline{9.4} & \underline{19} & \underline{30} & \underline{41} & \underline{50} & (\underline{24}) \end{array}$$

$$\begin{array}{cccccccccccc} \underline{6.0} & \underline{7.2} & \underline{7.2} & \underline{8.0} & \underline{9.4} & \underline{9.8} & & \underline{9.0} & \underline{9.4} & \underline{14.1} & \underline{15.1} \\ \underline{50} & \underline{33} & \underline{26} & \underline{19} & \underline{15} & \underline{10} & \underline{9.2} & \underline{10} & \underline{18} & \underline{36} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{5.3} & \underline{6.3} & \underline{6.4} & \underline{6.8} & \underline{8.4} & \underline{9.3} & & \underline{8.7} & \underline{9.2} & \underline{11.8} & \underline{12.9} \\ \underline{50} & \underline{36} & \underline{28} & \underline{23} & \underline{18} & \underline{11} & \underline{8.7} & \underline{9} & \underline{16} & \underline{29} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{5.3} & \underline{6.0} & \underline{6.3} & \underline{7.2} & \underline{9.0} & & & \underline{8.6} & \underline{9.1} & \underline{10.8} & \underline{12.3} \\ \underline{50} & \underline{39} & \underline{28} & \underline{20} & \underline{14} & & \underline{8.6} & \underline{9} & \underline{17} & \underline{27} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{3.0} & \underline{4.4} & \underline{4.3} & \underline{6.3} & \underline{6.9} & \underline{7.7} & & \underline{6.8} & \underline{7.5} & \underline{8.4} & \underline{10.0} \\ \underline{50} & \underline{33} & \underline{24} & \underline{17} & \underline{12} & \underline{10} & \underline{6.9} & \underline{7} & \underline{18} & \underline{23} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{2.0} & \underline{3.8} & \underline{3.9} & \underline{4.2} & \underline{5.1} & \underline{5.3} & \underline{5.8} & & \underline{5.4} & \underline{5.8} & \underline{6.3} & \underline{7.5} & \underline{8.3} & \underline{8.9} \\ \underline{50} & \underline{30} & \underline{25} & \underline{19} & \underline{17} & \underline{12} & \underline{10} & \underline{5.3} & \underline{6} & \underline{14} & \underline{18} & \underline{24} & \underline{31} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{1.6} & \underline{2.7} & \underline{2.9} & \underline{3.0} & \underline{4.1} & & & \underline{4.2} & \underline{4.9} & \underline{6.5} & \underline{6.8} \\ \underline{50} & \underline{28} & \underline{20} & \underline{15} & \underline{10} & \underline{3.8} & \underline{1.5} & \underline{20} & \underline{33} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{7.9} & \underline{8.5} & \underline{8.9} & \underline{9.4} & & & & \underline{9.5} & \underline{10.6} & \underline{11.5} \\ \underline{50} & \underline{26} & \underline{13} & \underline{8} & \underline{9.2} & \underline{10} & \underline{26} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{6.7} & \underline{6.9} & \underline{8.1} & & & & & \underline{8.3} & \underline{8.3} & \underline{9.0} \\ \underline{50} & \underline{17} & \underline{8} & \underline{8.1} & \underline{12} & \underline{33} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{3.6} & \underline{4.2} & \underline{6.0} & \underline{7.2} & & & & \underline{2.1} & \underline{7.3} & \underline{6.0} & \underline{5.8} \\ \underline{50} & \underline{28} & \underline{15} & \underline{10} & \underline{6.8} & \underline{28} & \underline{34} & \underline{36} & \underline{50} \end{array}$$

$$\begin{array}{cccccccccccc} \underline{5.5} & \underline{5.7} & \underline{5.6} & \underline{6.1} & & & & \underline{5.8} & \underline{6.0} & \underline{5.5} & \underline{4.2} & \underline{4.8} \\ \underline{50} & \underline{35} & \underline{16} & \underline{9} & \underline{5.6} & \underline{9} & \underline{16} & \underline{22} & \underline{27} & \underline{50} \end{array}$$

Sta.	+1	π	-	Elev.
		902.24		
110+50			4.6	97.4
111			3.5	98.7
+50			2.6	99.4
112			2.0	00.2
+50			1.9	00.3
T.P.	7.82	908.07	1.99	900.25
113			7.8	00.3
+50			8.0	00.1
114			8.5	99.4
+50			9.6	98.5
+76			10.1	98.0
115			10.4	97.7
+50			10.5	97.6

$$\begin{array}{r} 5.0 \\ 50 \end{array} \quad \begin{array}{r} 4.7 \\ 18 \end{array} \quad \begin{array}{r} 5.0 \\ 11 \end{array} \quad \begin{array}{r} 4.6 \\ 46 \end{array} \quad \begin{array}{r} 4.5 \\ 7 \end{array} \quad \begin{array}{r} 5.1 \\ 18 \end{array} \quad \begin{array}{r} 3.5 \\ 27 \end{array} \quad \begin{array}{r} 3.9 \\ 50 \end{array}$$

$$\begin{array}{r} 4.4 \\ 50 \end{array} \quad \begin{array}{r} 4.2 \\ 30 \end{array} \quad \begin{array}{r} 3.7 \\ 21 \end{array} \quad \begin{array}{r} 3.9 \\ 103 \end{array} \quad \begin{array}{r} 3.5 \\ 5 \end{array} \quad \begin{array}{r} 3.8 \\ 10 \end{array} \quad \begin{array}{r} 2.7 \\ 17 \end{array} \quad \begin{array}{r} 3.5 \\ 26 \end{array} \quad \begin{array}{r} 3.7 \\ 50 \end{array}$$

$$\begin{array}{r} 4.9 \\ 50 \end{array} \quad \begin{array}{r} 3.9 \\ 28 \end{array} \quad \begin{array}{r} 3.0 \\ 10 \end{array} \quad \begin{array}{r} 2.6 \\ 8 \end{array} \quad \begin{array}{r} 3.0 \\ 18 \end{array} \quad \begin{array}{r} 2.1 \\ 28 \end{array} \quad \begin{array}{r} 3.7 \\ 50 \end{array}$$

$$\begin{array}{r} 3.8 \\ 50 \end{array} \quad \begin{array}{r} 3.2 \\ 30 \end{array} \quad \begin{array}{r} 2.3 \\ 15 \end{array} \quad \begin{array}{r} 2.0 \\ 20 \end{array} \quad \begin{array}{r} 2.4 \\ 10 \end{array} \quad \begin{array}{r} 1.4 \\ 18 \end{array} \quad \begin{array}{r} 3.0 \\ 29 \end{array} \quad \begin{array}{r} 3.0 \\ 50 \end{array}$$

$$\begin{array}{r} 2.4 \\ 50 \end{array} \quad \begin{array}{r} 2.4 \\ 38 \end{array} \quad \begin{array}{r} 1.6 \\ 17 \end{array} \quad \begin{array}{r} 2.2 \\ 7 \end{array} \quad \begin{array}{r} 1.9 \\ 1.9 \end{array} \quad \begin{array}{r} 1.8 \\ 8 \end{array} \quad \begin{array}{r} 2.3 \\ 17 \end{array} \quad \begin{array}{r} 0.3 \\ 30 \end{array} \quad \begin{array}{r} 1.7 \\ 50 \end{array}$$

$$\begin{array}{r} 7.9 \\ 50 \end{array} \quad \begin{array}{r} 7.7 \\ 31 \end{array} \quad \begin{array}{r} 7.6 \\ 17 \end{array} \quad \begin{array}{r} 8.1 \\ 8 \end{array} \quad \begin{array}{r} 7.8 \\ 7.8 \end{array} \quad \begin{array}{r} 7.7 \\ 8 \end{array} \quad \begin{array}{r} 8.1 \\ 16 \end{array} \quad \begin{array}{r} 6.3 \\ 27 \end{array} \quad \begin{array}{r} 6.2 \\ 36 \end{array} \quad \begin{array}{r} 7.3 \\ 50 \end{array}$$

$$\begin{array}{r} 8.2 \\ 50 \end{array} \quad \begin{array}{r} 8.2 \\ 33 \end{array} \quad \begin{array}{r} 8.0 \\ 20 \end{array} \quad \begin{array}{r} 8.3 \\ 9 \end{array} \quad \begin{array}{r} 8.0 \\ 8.0 \end{array} \quad \begin{array}{r} 8.3 \\ 15 \end{array} \quad \begin{array}{r} 6.3 \\ 25 \end{array} \quad \begin{array}{r} 6.5 \\ 36 \end{array} \quad \begin{array}{r} 7.6 \\ 50 \end{array}$$

$$\begin{array}{r} 8.0 \\ 50 \end{array} \quad \begin{array}{r} 8.2 \\ 28 \end{array} \quad \begin{array}{r} 8.2 \\ 74 \end{array} \quad \begin{array}{r} 8.7 \\ 7 \end{array} \quad \begin{array}{r} 8.5 \\ 8.5 \end{array} \quad \begin{array}{r} 8.6 \\ 10 \end{array} \quad \begin{array}{r} 8.8 \\ 17 \end{array} \quad \begin{array}{r} 7.8 \\ 22 \end{array} \quad \begin{array}{r} 7.9 \\ 30 \end{array} \quad \begin{array}{r} 9.8 \\ 40 \end{array} \quad \begin{array}{r} 10.3 \\ 50 \end{array}$$

$$\begin{array}{r} 8.9 \\ 50 \end{array} \quad \begin{array}{r} 9.2 \\ 32 \end{array} \quad \begin{array}{r} 9.4 \\ 13 \end{array} \quad \begin{array}{r} 9.8 \\ 6 \end{array} \quad \begin{array}{r} 9.6 \\ 9.6 \end{array} \quad \begin{array}{r} 9.8 \\ 15 \end{array} \quad \begin{array}{r} 9.6 \\ 25 \end{array} \quad \begin{array}{r} 10.9 \\ 30 \end{array} \quad \begin{array}{r} 13.3 \\ 36 \end{array} \quad \begin{array}{r} 14.0 \\ 50 \end{array}$$

$$\begin{array}{r} 9.5 \\ 50 \end{array} \quad \begin{array}{r} 10.0 \\ 40 \end{array} \quad \begin{array}{r} 10.3 \\ 15 \end{array} \quad \begin{array}{r} 10.2 \\ 7 \end{array} \quad \begin{array}{r} 10.1 \\ 10.1 \end{array} \quad \begin{array}{r} 10.1 \\ 10 \end{array} \quad \begin{array}{r} 10.5 \\ 25 \end{array} \quad \begin{array}{r} 14.9 \\ 38 \end{array} \quad \begin{array}{r} 15.4 \\ 50 \end{array}$$

$$\begin{array}{r} 9.7 \\ 50 \end{array} \quad \begin{array}{r} 10.5 \\ 35 \end{array} \quad \begin{array}{r} 10.8 \\ 17 \end{array} \quad \begin{array}{r} 10.5 \\ 12 \end{array} \quad \begin{array}{r} 10.4 \\ 10.4 \end{array} \quad \begin{array}{r} 10.7 \\ 15 \end{array} \quad \begin{array}{r} 11.1 \\ 24 \end{array} \quad \begin{array}{r} 12.5 \\ 29 \end{array} \quad \begin{array}{r} 14.7 \\ 38 \end{array} \quad \begin{array}{r} 15.3 \\ 50 \end{array}$$

$$\begin{array}{r} 8.3 \\ 50 \end{array} \quad \begin{array}{r} 9.9 \\ 20 \end{array} \quad \begin{array}{r} 10.7 \\ 10 \end{array} \quad \begin{array}{r} 10.5 \\ 10.5 \end{array} \quad \begin{array}{r} 10.6 \\ 9 \end{array} \quad \begin{array}{r} 11.1 \\ 19 \end{array} \quad \begin{array}{r} 11.2 \\ 26 \end{array} \quad \begin{array}{r} 11.9 \\ 29 \end{array} \quad \begin{array}{r} 14.3 \\ 36 \end{array} \quad \begin{array}{r} 14.2 \\ 50 \end{array}$$

Sta	✓	π	-	Elev
		908.07		
116			10.4	97.7
+50			10.3	97.8
117			10.5	97.6
T.P.	9.54	907.06	10.55	897.52
+50			10.1	97.0
118			10.7	96.4
+50			11.0	96.1
119			10.7	96.4
+50			9.9	97.2
120			9.0	98.1
+50			7.8	99.3
121			6.5	100.6
+50			4.8	102.3
B.M.	10.55	910.61	7.08	899.98 (900.06)

$\frac{5.9}{50}$ $\frac{6.7}{28}$ $\frac{8.0}{17}$ $\frac{10.6}{10}$ $\frac{10.4}{10}$ $\frac{10.9}{18}$ $\frac{10.3}{27}$ $\frac{12.9}{36}$ $\frac{13.1}{50}$

$\frac{3.5}{50}$ $\frac{4.0}{34}$ $\frac{4.7}{20}$ $\frac{10.5}{13}$ $\frac{10.5}{8}$ $\frac{10.3}{10.3}$ $\frac{10.7}{8}$ $\frac{10.4}{17}$ $\frac{9.8}{20}$ $\frac{10.7}{26}$ $\frac{12.2}{32}$ $\frac{12.2}{50}$

$\frac{3.1}{50}$ $\frac{5.0}{20}$ $\frac{10.3}{14}$ $\frac{10.8}{10}$ $\frac{10.6}{10.5}$ $\frac{10.9}{9}$ $\frac{10.0}{20}$ $\frac{11.3}{28}$ $\frac{12.8}{31}$ $\frac{13.2}{37}$ $\frac{13.2}{50}$

$\frac{4.4}{50}$ $\frac{6.1}{20}$ $\frac{9.4}{13}$ $\frac{10.3}{10}$ $\frac{10.1}{10.1}$ $\frac{10.5}{8}$ $\frac{10.1}{17}$ $\frac{9.7}{23}$ $\frac{12.8}{26}$ $\frac{13.5}{34}$ $\frac{13.2}{36}$ $\frac{13.2}{50}$

$\frac{7.3}{50}$ $\frac{8.1}{37}$ $\frac{9.6}{14}$ $\frac{11.0}{7}$ $\frac{11.0}{10.7}$ $\frac{10.6}{13}$ $\frac{15.0}{21}$ $\frac{14.1}{34}$ $\frac{14.1}{50}$

$\frac{11.5}{50}$ $\frac{12.4}{19}$ $\frac{11.6}{15}$ $\frac{11.3}{10}$ $\frac{11.2}{11.0}$ $\frac{11.3}{13}$ $\frac{15.0}{18}$ $\frac{15.6}{30}$ $\frac{15.6}{50}$

$\frac{13.9}{50}$ $\frac{13.9}{34}$ $\frac{13.1}{21}$ $\frac{11.0}{10}$ $\frac{11.2}{10.7}$ $\frac{14.0}{15}$ $\frac{15.2}{24}$ $\frac{16.3}{33}$ $\frac{16.3}{50}$

$\frac{14.0}{50}$ $\frac{14.0}{39}$ $\frac{12.6}{22}$ $\frac{10.0}{12}$ $\frac{10.4}{9.9}$ $\frac{13.2}{17}$ $\frac{13.4}{24}$ $\frac{14.9}{28}$ $\frac{15.7}{33}$ $\frac{15.7}{50}$

$\frac{12.6}{50}$ $\frac{11.9}{33}$ $\frac{11.0}{22}$ $\frac{9.1}{13}$ $\frac{9.0}{9.0}$ $\frac{9.3}{13}$ $\frac{8.8}{18}$ $\frac{12.0}{25}$ $\frac{13.2}{29}$ $\frac{14.0}{50}$

$\frac{9.1}{50}$ $\frac{8.5}{21}$ $\frac{8.0}{11}$ $\frac{8.0}{78}$ $\frac{7.6}{13}$ $\frac{11.0}{20}$ $\frac{11.1}{28}$ $\frac{11.1}{50}$

$\frac{6.0}{50}$ $\frac{5.9}{19}$ $\frac{6.8}{10}$ $\frac{6.8}{6.5}$ $\frac{6.5}{14}$ $\frac{8.9}{21}$ $\frac{9.5}{27}$ $\frac{9.5}{50}$

$\frac{2.2}{50}$ $\frac{2.8}{24}$ $\frac{5.4}{18}$ $\frac{4.8}{14}$ $\frac{5.2}{10}$ $\frac{4.8}{4.8}$ $\frac{5.2}{7}$ $\frac{4.7}{17}$ $\frac{7.3}{21}$ $\frac{8.3}{28}$ $\frac{9.4}{36}$ $\frac{9.4}{50}$

Spike 15" Oak 46' Rt. 121+56

Sta.	+	π	-	Elev.
		910.61		
122			6.4	04.2
+50			4.8	05.8
123			3.3	07.3
T.P.	5.95	913.61	2.95	907.66
+50			5.6	08.0
124			5.1	08.5
+50			5.5	08.1
125			6.3	07.3
+50			7.1	06.5
126			7.4	06.2
+50			7.4	06.2
127			7.4	06.2
T.P.	3.74	909.84	7.51	906.10
+50			3.7	06.1

E

$\frac{2.3}{50}$ $\frac{2.9}{37}$ $\frac{4.1}{22}$ $\frac{6.9}{17}$ $\frac{6.4}{13}$ $\frac{6.8}{10}$ $\frac{6.5}{4.4}$ $\frac{7.0}{8}$ $\frac{6.5}{17}$ $\frac{6.7}{20}$ $\frac{9.9}{23}$ $\frac{11.3}{30}$ $\frac{11.3}{50}$

$\frac{0.7}{50}$ $\frac{0.9}{39}$ $\frac{1.9}{24}$ $\frac{5.2}{17}$ $\frac{4.6}{14}$ $\frac{5.0}{10}$ $\frac{5.2}{4.8}$ $\frac{4.9}{16}$ $\frac{6.4}{22}$ $\frac{7.7}{27}$ $\frac{7.9}{31}$ $\frac{7.9}{50}$

$\frac{40.2}{50}$ $\frac{1.0}{24}$ $\frac{4.1}{18}$ $\frac{3.3}{13}$ $\frac{3.7}{10}$ $\frac{3.3}{3.3}$ $\frac{3.4}{8}$ $\frac{3.7}{21}$ $\frac{3.1}{23}$ $\frac{3.3}{32}$ $\frac{3.7}{50}$

$\frac{2.7}{50}$ $\frac{2.6}{26}$ $\frac{6.3}{21}$ $\frac{6.5}{17}$ $\frac{5.8}{12}$ $\frac{6.1}{8}$ $\frac{5.6}{5.6}$ $\frac{5.6}{8}$ $\frac{6.0}{15}$ $\frac{5.7}{19}$ $\frac{4.5}{23}$ $\frac{3.4}{27}$ $\frac{3.0}{50}$

$\frac{3.2}{50}$ $\frac{2.8}{27}$ $\frac{6.0}{22}$ $\frac{6.0}{17}$ $\frac{5.1}{13}$ $\frac{5.5}{9}$ $\frac{5.1}{5.1}$ $\frac{5.5}{7}$ $\frac{5.0}{14}$ $\frac{3.0}{20}$ $\frac{3.1}{27}$ $\frac{2.8}{33}$ $\frac{2.8}{50}$

$\frac{5.0}{50}$ $\frac{4.3}{25}$ $\frac{6.7}{21}$ $\frac{6.5}{16}$ $\frac{5.7}{14}$ $\frac{5.5}{12}$ $\frac{5.9}{9}$ $\frac{5.6}{5.5}$ $\frac{6.1}{7}$ $\frac{5.1}{21}$ $\frac{3.8}{25}$ $\frac{3.9}{29}$ $\frac{3.3}{36}$ $\frac{3.3}{50}$

$\frac{7.8}{50}$ $\frac{6.8}{31}$ $\frac{6.3}{18}$ $\frac{6.9}{15}$ $\frac{6.9}{9}$ $\frac{6.3}{6.3}$ $\frac{6.9}{6}$ $\frac{6.6}{13}$ $\frac{5.6}{21}$ $\frac{6.0}{26}$ $\frac{5.2}{31}$ $\frac{5.2}{50}$

$\frac{9.2}{50}$ $\frac{8.2}{31}$ $\frac{8.1}{16}$ $\frac{7.4}{11}$ $\frac{7.7}{7.1}$ $\frac{7.4}{14}$ $\frac{8.3}{17}$ $\frac{8.3}{25}$ $\frac{8.4}{36}$ $\frac{8.4}{50}$

$\frac{8.5}{50}$ $\frac{8.3}{32}$ $\frac{8.7}{16}$ $\frac{7.8}{11}$ $\frac{7.8}{7.4}$ $\frac{7.8}{17}$ $\frac{9.2}{21}$ $\frac{8.9}{35}$ $\frac{9.3}{50}$

$\frac{8.7}{50}$ $\frac{8.7}{30}$ $\frac{8.7}{19}$ $\frac{7.7}{10}$ $\frac{7.4}{7.4}$ $\frac{7.6}{6}$ $\frac{7.9}{14}$ $\frac{8.3}{19}$ $\frac{8.9}{21}$ $\frac{9.0}{32}$ $\frac{9.5}{50}$

$\frac{8.0}{50}$ $\frac{8.2}{32}$ $\frac{9.3}{28}$ $\frac{9.4}{22}$ $\frac{8.0}{12}$ $\frac{8.1}{7.4}$ $\frac{8.4}{12}$ $\frac{8.9}{19}$ $\frac{9.0}{22}$ $\frac{9.6}{30}$ $\frac{10.0}{39}$ $\frac{10.0}{50}$

$\frac{5.5}{50}$ $\frac{5.3}{21}$ $\frac{4.3}{14}$ $\frac{4.6}{3.7}$ $\frac{4.8}{12}$ $\frac{4.5}{17}$ $\frac{5.8}{19}$ $\frac{5.8}{24}$ $\frac{6.0}{34}$ $\frac{6.2}{40}$ $\frac{6.2}{50}$

Sta.	+	π	-	Elev.
		909.84		
128			3.8	060
+50			4.1	057
129			4.5	053
+50			4.6	05.2
130			4.6	05.2
T.P.	4.23	909.41	4.66	905.18.
+50			4.4	050
1				
131			4.5	04.9
+50			4.5	04.9
+56			4.5	04.9
+64			4.5	04.9
+75.1	4.41		4.5	04.9
B.M.	4.68		4.68	904.73
+87			4.5	04.9
				904.75

23 $\frac{5.0}{50}$ $\frac{5.0}{33}$ $\frac{5.4}{24}$ $\frac{4.3}{12}$ 3.8 $\frac{4.6}{13}$ $\frac{5.0}{17}$ $\frac{5.4}{24}$ $\frac{5.4}{34}$ $\frac{5.8}{40}$ $\frac{6.3}{50}$

$\frac{6.5}{50}$ $\frac{5.9}{37}$ $\frac{6.2}{25}$ $\frac{5.7}{16}$ $\frac{4.7}{12}$ 4.1 $\frac{4.2}{4}$ $\frac{4.8}{12}$ $\frac{4.9}{21}$ $\frac{5.9}{23}$ $\frac{5.8}{30}$ $\frac{6.1}{50}$

$\frac{6.4}{50}$ $\frac{6.6}{37}$ $\frac{7.0}{31}$ $\frac{6.8}{22}$ $\frac{5.2}{14}$ 4.5 $\frac{5.0}{12}$ $\frac{5.4}{17}$ $\frac{6.6}{22}$ $\frac{6.6}{29}$ $\frac{6.8}{50}$

$\frac{6.6}{50}$ $\frac{6.8}{21}$ $\frac{5.9}{17}$ $\frac{5.1}{10}$ 4.6 $\frac{5.2}{12}$ $\frac{5.4}{17}$ $\frac{6.2}{21}$ $\frac{6.8}{30}$ $\frac{7.0}{50}$

$\frac{4.6}{50}$ $\frac{4.8}{33}$ $\frac{5.7}{19}$ $\frac{5.0}{11}$ 4.6 $\frac{5.2}{11}$ $\frac{5.3}{19}$ $\frac{5.1}{27}$ $\frac{5.9}{50}$

$\frac{0.5}{50}$ $\frac{0.9}{28}$ $\frac{5.0}{22}$ $\frac{5.3}{14}$ $\frac{4.7}{11}$ 4.4 $\frac{4.9}{14}$ $\frac{5.9}{16-18}$ $\frac{5.0}{20}$ $\frac{2.9}{35}$ $\frac{2.9}{50}$

$\frac{2.0}{50}$ $\frac{0.9}{40}$ $\frac{0.9}{27}$ $\frac{2.1}{24}$ $\frac{5.8}{19.15}$ $\frac{4.9}{13}$ 4.5 $\frac{5.0}{12}$ $\frac{5.4}{18}$ $\frac{2.2}{27}$ $\frac{2.4}{50}$

$\frac{2.5}{38}$ $\frac{2.8}{29}$ $\frac{5.5}{25}$ $\frac{6.4}{19.17}$ $\frac{4.8}{11}$ 4.5 $\frac{4.5}{18}$ $\frac{5.0}{30}$ $\frac{4.5}{33}$ $\frac{3.4}{36}$ $\frac{2.7}{50}$

$\frac{2.5}{38}$ $\frac{3.0}{26}$ $\frac{6.0}{21-18}$ $\frac{5.0}{12}$ 4.5 $\frac{4.4}{19}$ $\frac{4.7}{28}$ $\frac{5.0}{36}$ $\frac{4.3}{41}$ $\frac{4.6}{50}$

$\frac{3.8}{50}$ $\frac{4.2}{24}$ $\frac{5.1}{17}$ $\frac{4.8}{11}$ 4.5 $\frac{4.5}{13}$ $\frac{4.1}{29}$ $\frac{4.1}{50}$

$\frac{3.6}{50}$ $\frac{4.4}{25}$ $\frac{4.8}{10}$ 4.5 $\frac{4.4}{25}$ $\frac{3.7}{50}$

Top Mon. - Sta 131 + 7540

$\frac{4.1}{50}$ $\frac{5.1}{23}$ $\frac{4.7}{8}$ 4.5 $\frac{4.7}{16}$ $\frac{4.3}{50}$

Sta	+	π	-	Elev
		909.41		
132			4.5	049
+50			4.8	046
133			5.0	044
+50			5.4	040
134			5.7	037
+50			5.8	036
135			5.9	035
+50			6.0	034
136			5.9	035
+50			6.0	034
137			6.4	030
T.P.	1.80	903.91	7.30	902.11
+50			1.5	024

$\frac{5.1}{50}$ $\frac{5.5}{28}$ $\frac{5.5}{16}$ $\frac{5.0}{12}$ 4.5 $\frac{4.6}{10}$ 5.2 $\frac{5.1}{31}$ $\frac{4.6}{50}$

$\frac{4.8}{50}$ $\frac{5.6}{25}$ $\frac{6.4}{21.18}$ $\frac{5.3}{12}$ 4.8 $\frac{5.4}{13}$ $\frac{5.9}{17}$ $\frac{6.1}{23}$ $\frac{6.1}{50}$

$\frac{6.0}{50}$ $\frac{6.1}{30}$ $\frac{4.9}{19}$ $\frac{5.3}{10}$ 5.0 $\frac{5.7}{14}$ $\frac{6.4}{22}$ $\frac{6.7}{23}$ $\frac{4.8}{32}$ $\frac{6.6}{50}$

$\frac{6.6}{50}$ $\frac{6.6}{33}$ $\frac{5.7}{21}$ $\frac{5.8}{12}$ 5.4 $\frac{5.9}{13}$ $\frac{6.6}{17}$ $\frac{6.7}{24}$ $\frac{7.2}{50}$

$\frac{6.9}{50}$ $\frac{6.7}{27}$ $\frac{5.8}{20}$ $\frac{6.2}{13}$ 5.7 $\frac{6.2}{14}$ $\frac{7.4}{18}$ $\frac{7.6}{36}$ $\frac{7.7}{50}$

$\frac{7.4}{50}$ $\frac{7.0}{26}$ $\frac{5.8}{19}$ $\frac{6.2}{14}$ 5.8 $\frac{6.4}{14}$ $\frac{7.7}{18.22}$ $\frac{7.0}{25}$ $\frac{7.9}{39}$ $\frac{7.8}{50}$

$\frac{6.3}{50}$ $\frac{5.3}{28}$ $\frac{6.6}{20.18}$ $\frac{6.2}{14}$ 5.9 $\frac{6.1}{13}$ $\frac{6.5}{18.20}$ $\frac{6.0}{22}$ $\frac{6.3}{29}$ $\frac{6.6}{30}$ $\frac{7.6}{50}$

$\frac{6.0}{50}$ $\frac{5.2}{27}$ $\frac{6.4}{17}$ 6.0 $\frac{6.3}{12}$ $\frac{6.1}{19}$ $\frac{5.0}{22}$ $\frac{4.6}{28}$ $\frac{5.4}{32}$ $\frac{5.8}{50}$

$\frac{5.0}{50}$ $\frac{4.4}{29}$ $\frac{6.4}{17}$ $\frac{6.1}{14}$ 5.9 $\frac{6.4}{11}$ $\frac{5.6}{17}$ $\frac{4.2}{23}$ $\frac{4.4}{26}$ $\frac{4.2}{33}$ $\frac{4.9}{37}$ $\frac{4.9}{50}$

$\frac{4.5}{50}$ $\frac{4.9}{36}$ $\frac{4.7}{19}$ $\frac{5.7}{13}$ $\frac{6.3}{11}$ 6.0 $\frac{6.3}{11}$ $\frac{6.0}{19}$ $\frac{5.4}{23}$ $\frac{5.2}{50}$

$\frac{6.2}{50}$ $\frac{6.2}{34}$ $\frac{6.1}{13}$ $\frac{6.8}{11}$ 6.4 $\frac{6.7}{10}$ $\frac{5.8}{17}$ $\frac{5.7}{26}$ $\frac{6.5}{36}$ $\frac{6.6}{50}$

Spike PR (Broiler Spn)

$\frac{1.6}{50}$ $\frac{1.7}{35}$ $\frac{1.7}{17}$ $\frac{2.0}{14}$ 1.5 $\frac{1.9}{11}$ $\frac{1.4}{13}$ $\frac{1.0}{25}$ $\frac{1.4}{31}$ $\frac{1.8}{50}$

Sta	+	π	-	Elev
-----	---	-------	---	------

903.91

138			2.1	61.8
-----	--	--	-----	------

+50			2.8	61.7
-----	--	--	-----	------

139			3.1	60.8
-----	--	--	-----	------

+50			3.4	60.5
-----	--	--	-----	------

140			3.5	60.4
-----	--	--	-----	------

+50			3.9	60.1
-----	--	--	-----	------

141			4.5	59.4
-----	--	--	-----	------

+50			5.0	58.9
-----	--	--	-----	------

142			5.5	58.4
-----	--	--	-----	------

+50			6.0	57.9
-----	--	--	-----	------

143			6.4	57.5
-----	--	--	-----	------

+50			6.9	57.0
-----	--	--	-----	------

$$\begin{array}{ccccccc} \frac{2.6}{50} & \frac{2.6}{30} & \frac{2.6}{21} & \frac{2.7}{14} & 2.1 & \frac{2.5}{12} & \frac{1.9}{15} & \frac{2.0}{25} & \frac{2.6}{30} & \frac{2.8}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.1}{50} & \frac{3.7}{31} & \frac{3.7}{22} & \frac{4.3}{21-19} & \frac{3.2}{15} & \frac{3.4}{12} & 2.8 & \frac{3.2}{11} & \frac{3.2}{16} & \frac{3.6}{25} & \frac{3.0}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.9}{50} & \frac{3.8}{42} & \frac{4.6}{28} & \frac{5.0}{23-19} & \frac{4.0}{16} & 3.1 & \frac{3.5}{11} & \frac{4.0}{18} & \frac{4.1}{32} & \frac{5.0}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.7}{50} & \frac{4.1}{34} & \frac{4.8}{27} & \frac{4.8}{18} & \frac{3.8}{14} & 3.4 & \frac{4.0}{11} & \frac{4.3}{20} & \frac{4.3}{29} & \frac{5.2}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.3}{50} & \frac{3.4}{40} & \frac{4.5}{29} & \frac{5.3}{20} & \frac{4.1}{16} & 3.5 & \frac{4.1}{10} & \frac{4.3}{16} & \frac{4.8}{31} & \frac{5.8}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.5}{50} & \frac{4.4}{36} & \frac{5.9}{34} & \frac{5.8}{24} & \frac{5.5}{19} & \frac{4.3}{17} & 3.9 & \frac{4.4}{12} & \frac{5.6}{21} & \frac{6.5}{36} & \frac{7.4}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.7}{50} & \frac{4.3}{34} & \frac{5.5}{29} & \frac{5.8}{24} & \frac{5.3}{19} & \frac{4.9}{17} & 4.5 & \frac{5.3}{16} & \frac{6.3}{18} & \frac{7.2}{34} & \frac{7.9}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.8}{50} & \frac{3.9}{34} & \frac{5.9}{28} & \frac{6.1}{22} & \frac{5.4}{16} & 5.0 & \frac{5.6}{12} & \frac{5.4}{14} & \frac{8.1}{25} & \frac{7.8}{39} & \frac{8.4}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{3.9}{50} & \frac{4.3}{38} & \frac{5.7}{32} & \frac{6.9}{26} & \frac{6.7}{19} & \frac{6.0}{14} & 5.5 & \frac{5.8}{15} & \frac{8.4}{21} & \frac{8.1}{40} & \frac{8.7}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{4.2}{50} & \frac{6.5}{32} & \frac{7.3}{27} & \frac{7.2}{20} & \frac{6.8}{17} & 6.0 & \frac{6.3}{12} & \frac{8.4}{20} & \frac{8.7}{31} & \frac{8.8}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{5.1}{50} & \frac{5.6}{40} & \frac{6.9}{32} & \frac{7.7}{22} & \frac{7.2}{16} & 6.4 & \frac{6.9}{14} & \frac{9.2}{21} & \frac{8.9}{40} & \frac{9.2}{50} \end{array}$$

$$\begin{array}{cccccccc} \frac{4.5}{50} & \frac{7.5}{32} & \frac{7.5}{25} & \frac{8.7}{22} & \frac{8.5}{17} & \frac{7.1}{14} & 6.9 & \frac{7.4}{15} & \frac{9.9}{22} & \frac{9.3}{38} & \frac{9.3}{50} \end{array}$$

Sta.		+	-	Elev
		903.91		
144			7.4	96.5
T.P.	2.14	898.66	7.39	896.52
+50			2.6	96.1
145			3.0	95.7
+50			3.6	95.1
146			4.1	94.6
+50			4.4	94.3
147			4.7	94.0
+50			4.8	93.9
148			5.0	93.7
Profile Ditch Rt. 148				
+02	15" x 32' C.M.		5.0	93.7
+50			5.2	93.5
149			5.3	93.4

697
1.2

7.5 8.0 9.4 9.3 8.0 7.9 9.9 9.8 10.5
50 35 28 20 16 7.4 15 20 37 50

3.6 3.5 4.5 4.5 2.9 2.9 4.7 5.9
50 28 25 19 15 2.6 14 21 50

3.7 4.3 4.8 5.2 3.4 3.6 5.7 6.3 6.7
50 34 30 20 16 3.0 13 18 29 50

4.8 5.3 5.6 3.9 4.2 6.7 7.1 7.2
50 32 20 16 3.6 13 20 37 50

5.2 5.6 6.3 6.1 4.7 4.7 7.0 7.3 7.6
50 38 25 20 17 4.1 14 20 33 50

5.8 6.2 6.7 6.5 4.9 5.0 6.5 7.4 7.6
50 34 32 20 16 4.4 13 19 32 50

6.0 6.5 6.8 5.0 5.0 7.0 7.4 7.6
50 33 25-21 16 4.7 13 18 32 50

6.4 6.5 6.8 6.6 5.1 5.1 4.7 4.9 7.1 7.3 Ditch
50 34 31 20 16 4.8 10 12 15 20 42 (8.3) 7.3 6.7
45-46 47 50

6.7 6.5 6.9 7.0 5.4 5.3 6.9 7.4 6.8 7.1 Ditch
50 34 31 24 16 5.0 12 18 19-22 23 50

7.5 7.8 8.3 8.6 8.6 8.8 8.8 8.8
19 50 100 150 200 250 300 F.L. 848
6.8 6.8 7.0 8.3 (8.22) 5.5 5.3 8.5 (8.85) 7.5 6.9 7.1
50 30 24 18 (18) 17 5.0 11 14 (14) 19 21 50

7.3 7.0 6.8 7.5 5.4 5.6 6.8 7.3 7.0
50 34 21 20-18 16 5.2 12 16 32 50

7.0 6.9 7.3 7.5 5.9 5.6 6.6 7.5 7.6 7.0 7.1 7.1
50 34 22 21-19 17 5.3 13 15 16 18 19 34 50

S/G	*	T	-	Elev.
		898.66		

149 +50			5.4	93.2
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150			5.2	93.5
-----	--	--	-----	------

+50			5.4	93.3
-----	--	--	-----	------

151			5.4	93.3
-----	--	--	-----	------

T.P.	6.31	899.64	5.33	893.33
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+50			6.3	93.3
-----	--	--	-----	------

152			6.1	93.5
-----	--	--	-----	------

+50			5.9	93.7
-----	--	--	-----	------

153			5.5	94.1
-----	--	--	-----	------

+50			5.2	94.4
-----	--	--	-----	------

154			4.5	95.1
-----	--	--	-----	------

T.P.	7.01	902.70	3.95	895.69
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+50			7.0	95.7
-----	--	--	-----	------

155			6.5	96.2
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$$\begin{array}{ccccccccc} \underline{6.5} & \underline{6.5} & \underline{6.7} & \underline{7.8} & \underline{6.4} & \underline{5.4} & \underline{5.6} & \underline{6.7} & \underline{7.6} & \underline{6.8} & \underline{7.0} \\ 50 & 34 & 23 & 22-19 & 18 & 16 & 5.4 & 12 & 16 & 17-19 & 20 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{6.4} & \underline{6.7} & \underline{6.8} & \underline{7.4} & \underline{6.4} & \underline{5.6} & \underline{5.5} & \underline{6.6} & \underline{7.4} & \underline{6.9} & \underline{6.8} & \underline{6.5} \\ 50 & 34 & 22 & 21-19 & 18 & 17 & 5.2 & 13 & 16 & 17-19 & 20 & 33 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{6.3} & \underline{6.6} & \underline{6.8} & \underline{7.7} & \underline{6.5} & \underline{5.6} & \underline{5.4} & \underline{6.4} & \underline{6.9} & \underline{6.6} & \underline{6.7} & \underline{6.3} \\ 50 & 34 & 25 & 24-20 & 20 & 14 & 5.4 & 12 & 15 & 16-18 & 19 & 34 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{6.7} & \underline{6.8} & \underline{6.7} & \underline{7.3} & \underline{6.1} & \underline{5.6} & \underline{5.6} & \underline{6.3} & \underline{6.8} & \underline{6.2} & \underline{6.3} & \underline{6.0} \\ 50 & 34 & 24 & 23-20 & 19 & 15 & 5.4 & 12 & 14 & 15-17 & 18 & 34 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{7.4} & \underline{7.4} & \underline{7.4} & \underline{7.8} & \underline{7.1} & \underline{6.5} & \underline{6.4} & \underline{6.2} & \underline{7.4} & \underline{7.0} & \underline{7.2} & \underline{6.9} \\ 50 & 34 & 26 & 25-23 & 22 & 20 & 6.3 & 7 & 12 & 15-17 & 18 & 32 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{7.2} & \underline{7.2} & \underline{7.5} & \underline{7.4} & \underline{7.6} & \underline{7.0} & \underline{6.3} & \underline{6.3} & \underline{7.1} & \underline{7.0} & \underline{6.9} & \underline{6.7} \\ 50 & 34 & 32 & 24 & 21 & 20 & 17 & 6.1 & 11 & 15 & 17 & 35 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{7.3} & \underline{7.3} & \underline{7.2} & \underline{7.4} & \underline{6.1} & \underline{6.0} & \underline{5.9} & \underline{7.2} & \underline{6.7} & \underline{7.0} & \underline{6.6} \\ 50 & 34 & 25 & 24-21 & 18 & 5.9 & 8 & 12 & 15-17 & 18 & 30 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{7.0} & \underline{7.0} & \underline{7.0} & \underline{7.3} & \underline{6.8} & \underline{5.7} & \underline{5.6} & \underline{6.7} & \underline{6.6} & \underline{6.3} \\ 50 & 34 & 23 & 22-20 & 19 & 16 & 5.5 & 11 & 15 & 32 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{6.6} & \underline{6.6} & \underline{6.7} & \underline{7.4} & \underline{6.6} & \underline{5.3} & \underline{5.5} & \underline{5.0} & \underline{5.3} & \underline{6.4} & \underline{6.3} & \underline{6.0} \\ 50 & 35 & 26 & 25-23 & 22 & 18 & 5.2 & 6 & 9 & 13 & 15 & 24 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{6.6} & \underline{6.6} & \underline{6.5} & \underline{6.9} & \underline{6.4} & \underline{4.8} & \underline{4.8} & \underline{6.1} & \underline{5.6} & \underline{5.2} \\ 50 & 35 & 25 & 24-22 & 21 & 19 & 4.5 & 12 & 15 & 35 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{9.2} & \underline{9.0} & \underline{9.3} & \underline{9.7} & \underline{9.0} & \underline{8.1} & \underline{7.6} & \underline{7.2} & \underline{8.6} & \underline{8.5} & \underline{8.0} & \underline{7.4} \\ 50 & 35 & 26 & 25-23 & 22 & 20 & 16 & 7.0 & 11 & 14-15 & 16 & 30 & 50 \end{array}$$

$$\begin{array}{ccccccccc} \underline{8.6} & \underline{8.3} & \underline{7.8} & \underline{9.1} & \underline{7.0} & \underline{7.0} & \underline{8.4} & \underline{8.1} & \underline{6.5} & \underline{6.6} \\ 50 & 35 & 23 & 23-21 & 19 & 6.5 & 11 & 15 & 25 & 40 & 50 \end{array}$$

Sta.	+	π	-	Elev.
		902.70		
155+50			6.0	96.7
156			5.7	97.0
+50			5.4	97.3
157			5.1	97.6
+50			4.7	98.0
+88			4.4	98.3
+95			4.3	98.4
158+100			4.3	98.4
+14.12 E Co. Rd. H ²			4.2	98.5
B.07.			4.25	898.45. (898.40)

$$\begin{array}{r} 8.0 \\ 50 \end{array} \quad \begin{array}{r} 7.8 \\ 35 \end{array} \quad \begin{array}{r} 7.3 \\ 21 \end{array} \quad \begin{array}{r} 8.6 \\ 21-19 \end{array} \quad \begin{array}{r} 6.9 \\ 18 \end{array} \quad \begin{array}{r} 6.6 \\ 17 \end{array} \quad \begin{array}{r} 6.4 \\ 6.0 \end{array} \quad \begin{array}{r} 8.0 \\ 12 \end{array} \quad \begin{array}{r} 7.9 \\ 16 \end{array} \quad \begin{array}{r} 6.4 \\ 28 \end{array} \quad \begin{array}{r} 5.5 \\ 31 \end{array} \quad \begin{array}{r} 5.5 \\ 50 \end{array}$$

$$\begin{array}{r} 8.0 \\ 50 \end{array} \quad \begin{array}{r} 7.3 \\ 35 \end{array} \quad \begin{array}{r} 7.5 \\ 22 \end{array} \quad \begin{array}{r} 8.3 \\ 27-20 \end{array} \quad \begin{array}{r} 6.9 \\ 19 \end{array} \quad \begin{array}{r} 6.2 \\ 17 \end{array} \quad \begin{array}{r} 6.2 \\ 5.7 \end{array} \quad \begin{array}{r} 7.1 \\ 14 \end{array} \quad \begin{array}{r} 7.4 \\ 17 \end{array} \quad \begin{array}{r} 4.9 \\ 28 \end{array} \quad \begin{array}{r} 4.9 \\ 40 \end{array} \quad \begin{array}{r} 4.9 \\ 50 \end{array}$$

$$\begin{array}{r} 8.2 \\ 50 \end{array} \quad \begin{array}{r} 7.8 \\ 35 \end{array} \quad \begin{array}{r} 7.6 \\ 22 \end{array} \quad \begin{array}{r} 8.2 \\ 22-20 \end{array} \quad \begin{array}{r} 6.4 \\ 18 \end{array} \quad \begin{array}{r} 6.0 \\ 16 \end{array} \quad \begin{array}{r} 5.9 \\ 5.4 \end{array} \quad \begin{array}{r} 7.0 \\ 13 \end{array} \quad \begin{array}{r} 7.5 \\ 16 \end{array} \quad \begin{array}{r} 7.2 \\ 21 \end{array} \quad \begin{array}{r} 5.3 \\ 28 \end{array} \quad \begin{array}{r} 4.3 \\ 32 \end{array} \quad \begin{array}{r} 4.3 \\ 50 \end{array}$$

$$\begin{array}{r} 8.0 \\ 50 \end{array} \quad \begin{array}{r} 7.3 \\ 35 \end{array} \quad \begin{array}{r} 7.6 \\ 24 \end{array} \quad \begin{array}{r} 8.1 \\ 24-22 \end{array} \quad \begin{array}{r} 7.2 \\ 21 \end{array} \quad \begin{array}{r} 5.8 \\ 17 \end{array} \quad \begin{array}{r} 5.1 \\ 5.1 \end{array} \quad \begin{array}{r} 5.4 \\ 13 \end{array} \quad \begin{array}{r} 7.6 \\ 18 \end{array} \quad \begin{array}{r} 7.2 \\ 24 \end{array} \quad \begin{array}{r} 4.1 \\ 31 \end{array} \quad \begin{array}{r} 3.5 \\ 37 \end{array} \quad \begin{array}{r} 3.4 \\ 50 \end{array}$$

$$\begin{array}{r} 6.0 \\ 50 \end{array} \quad \begin{array}{r} 5.7 \\ 35 \end{array} \quad \begin{array}{r} 7.3 \\ 31 \end{array} \quad \begin{array}{r} 7.8 \\ 27 \end{array} \quad \begin{array}{r} 8.2 \\ 26-24 \end{array} \quad \begin{array}{r} 7.3 \\ 22 \end{array} \quad \begin{array}{r} 7.2 \\ 17 \end{array} \quad \begin{array}{r} 5.2 \\ 14 \end{array} \quad \begin{array}{r} 4.7 \\ 4.7 \end{array} \quad \begin{array}{r} 5.1 \\ 7.2 \end{array} \quad \begin{array}{r} 6.9 \\ 18 \end{array} \quad \begin{array}{r} 7.1 \\ 23 \end{array} \quad \begin{array}{r} 3.1 \\ 31 \end{array} \quad \begin{array}{r} 2.8 \\ 50 \end{array}$$

$$\begin{array}{r} 5.2 \\ 50 \end{array} \quad \begin{array}{r} 4.8 \\ 36 \end{array} \quad \begin{array}{r} 5.1 \\ 30 \end{array} \quad \begin{array}{r} 5.1 \\ 19 \end{array} \quad \begin{array}{r} 4.6 \\ 9 \end{array} \quad \begin{array}{r} 4.4 \\ 4.4 \end{array} \quad \begin{array}{r} 4.8 \\ 10 \end{array} \quad \begin{array}{r} 5.4 \\ 19 \end{array} \quad \begin{array}{r} 4.9 \\ 28 \end{array} \quad \begin{array}{r} 2.4 \\ 34 \end{array} \quad \begin{array}{r} 2.5 \\ 50 \end{array}$$

$$\begin{array}{r} 5.5 \\ 50 \end{array} \quad \begin{array}{r} 5.4 \\ 32 \end{array} \quad \begin{array}{r} 5.2 \\ 26 \end{array} \quad \begin{array}{r} 4.3 \\ 10 \end{array} \quad \begin{array}{r} 4.3 \\ 4.3 \end{array} \quad \begin{array}{r} 4.5 \\ 10 \end{array} \quad \begin{array}{r} 5.2 \\ 25 \end{array} \quad \begin{array}{r} 4.6 \\ 31 \end{array} \quad \begin{array}{r} 2.3 \\ 36 \end{array} \quad \begin{array}{r} 2.0 \\ 50 \end{array}$$

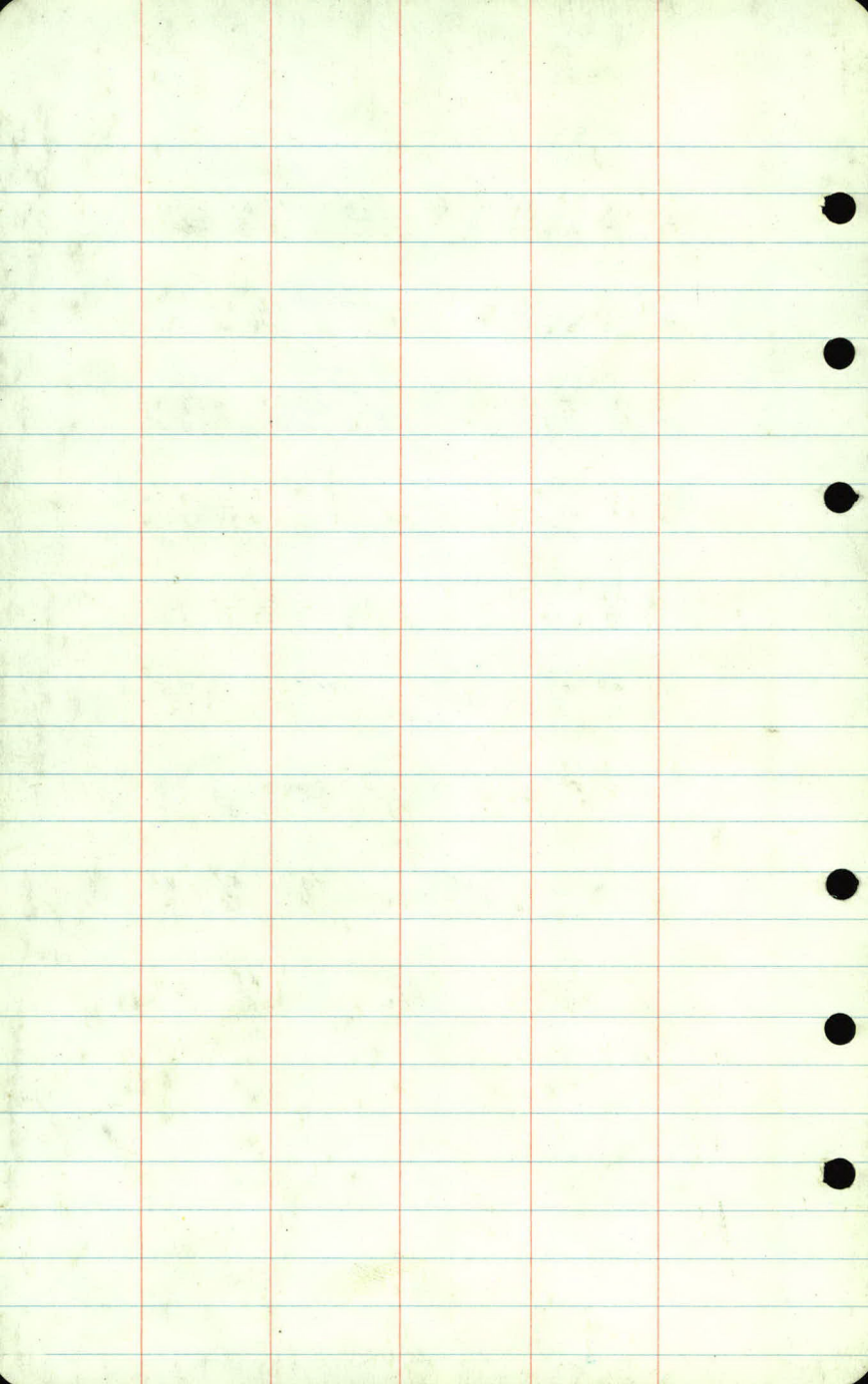
$$\begin{array}{r} 4.9 \\ 50 \end{array} \quad \begin{array}{r} 4.8 \\ 34 \end{array} \quad \begin{array}{r} 4.4 \\ 15 \end{array} \quad \begin{array}{r} 4.3 \\ 4.3 \end{array} \quad \begin{array}{r} 4.3 \\ 17 \end{array} \quad \begin{array}{r} 5.1 \\ 34 \end{array} \quad \begin{array}{r} 4.4 \\ 50 \end{array}$$

$$\begin{array}{r} 4.5 \\ 50 \end{array}$$

$$4.2$$

$$\begin{array}{r} 4.1 \\ 50 \end{array}$$

Top Man 15.8 + 14.12



K.P.
J.H.
R.B.
L.B.

28 OCTOBER 1960
1.

LONG LAKE ROAD
CULVERT STAKES

Sfa	+	π	-	ELEV
BM	5.65	896.10		(890.45)

0+00			6.40	89.7
------	--	--	------	------

+46			4.65	91.55
-----	--	--	------	-------

+64			6.30	89.8
-----	--	--	------	------

+82			13.76	882.34
-----	--	--	-------	--------

BM			5.65	890.45 (890.45)
----	--	--	------	-----------------

28 OCTOBER 1960 2

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TOP HYD S.E. Cor. Section 7

New 96.5

96.1

84.5

11.6

5.6

C 6.0 FL

= C 5.0

96.1

83.8

= 84.3

12.3

4.3

C 8.0 FL

= C 7.5

GROUND

96.1

83.5

= 83.8 (New)

12.6

7.6

C 5.0 = C 4.7

96.1

83.3

12.8

FL. CULVERT IN C.B.

TOP HYD. S.E. COR Section 7

